

# Exhibit G



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

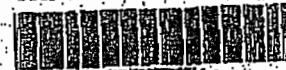
*Marybeth Peters*

Register of Copyrights, United States of America



Form VA  
For a Work of the Visual Arts

VAU739-071



EFFECTIVE DATE OF REGISTRATION

1.5.07

Month

Day

Year

DO NOT WRITE ABOVE THIS LINE IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

Title of This Work

New (Ashcroft) Junior High School  
Architectural Plans-not yet constructed

NATURE OF THIS WORK See Instructions

Architectural Work

Previous or Alternative Title

Alternative Title: New (Granda Park) Junior High School

Publication as a Contribution If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work

N/A

If published in a periodical or serial give: Volume

Number

Issue Date

On Page

2

NOTE

Under the law, the "author" of a "work made for hire" is generally the employer, not the employee (see definition below). For any part of the work that was "made for hire" check "Yes" in the space provided. If the employer (or other person for whom the work was prepared) as "author" of that part, and leave the space for dates of birth and death blank.

NAME OF AUTHOR

a Kluber, Skahan & Associates, Inc.

DATE OF BIRTH AND DEATH  
Year Born Year Died

Was this contribution to the work a "work made for hire"?  
☒ Yes  
☐ No

Author's Nationality or Domicile  
Name of Country  
OR  
Citizen of USA  
Domiciled in USA

Was This Author's Contribution to the Work  
Anonymous? ☐ Yes ☒ No  
Pseudonymous? ☐ Yes ☒ No  
If the answer to either of these questions is "Yes," see detailed instructions.

Nature of Authorship Check appropriate box(es). See Instructions

- ☐ 3-Dimensional sculpture ☐ Map ☐ Technical drawing  
☐ 2-Dimensional artwork ☐ Photograph ☐ Text  
☐ Reproduction of work of art ☐ Jewelry design ☒ Architectural work

Name of Author

DATE OF BIRTH AND DEATH  
Year Born Year Died

Was this contribution to the work a "work made for hire"?  
☐ Yes  
☐ No

Author's Nationality or Domicile  
Name of Country  
OR  
Citizen of  
Domiciled in

Was This Author's Contribution to the Work  
Anonymous? ☐ Yes ☐ No  
Pseudonymous? ☐ Yes ☐ No  
If the answer to either of these questions is "Yes," see detailed instructions.

Nature of Authorship Check appropriate box(es). See Instructions

- ☐ 3-Dimensional sculpture ☐ Map ☐ Technical drawing  
☐ 2-Dimensional artwork ☐ Photograph ☐ Text  
☐ Reproduction of work of art ☐ Jewelry design ☐ Architectural work

3

a Year in Which Creation of This Work Was Completed  
2006

This information must be given Year in all cases.

b Date and Place of First Publication of This Particular Work  
Copyright this information ONLY if this work has been published.  
Month Day Year

4

See instructions before completing this space.

Copyright Claimant(s) Name and address must be given even if the claimant is the same as the author given in space 2.

Kluber, Skahan & Associates, Inc.  
901 N. Batavia Avenue, Suite 301  
Batavia, IL 60510

Transfer If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

APPLICATION RECEIVED  
1.5.07 5.17.07

ONE DEPOSIT RECEIVED  
1.5.07

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

MORE ON BACK

Complete all applicable spaces (numbers 1-4) on the reverse side of this page.  
See detailed instructions.  
Sign the form at the bottom.

DO NOT WRITE HERE

Page 2 of 2 pages



EXAMINED BY SDW FORM VA  
 CHECKED BY \_\_\_\_\_  
 CORRESPONDENCE ☒ FOR  
 COPYRIGHT OFFICE  
 USE ONLY

DO NOT WRITE ABOVE THIS LINE; IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☐ Yes ☒ No If your answer is "Yes," why is another registration being sought? (Check appropriate box.)

- a. ☐ This is the first published edition of a work previously registered in unpublished form.
- b. ☐ This is the first application submitted by this author as copyright claimant.
- c. ☐ This is a changed version of the work, as shown by space 2 on this application.

If your answer is "Yes," give Previous Registration Number          Year of Registration         

DERIVATIVE WORK OR COMPILED WORK Complete both space 6a and 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates.

N/A

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed.

N/A

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give Name and number of Account.

Name          Account Number         

N/A

CORRESPONDENCE Give name and address to which correspondence relating to this application should be sent. Name/Address/Apt./City/State/Zip

Nicholas A. Grojean  
 Ancel, Glink, Diamond, Bush, DiCianni & Krafthefer, PC  
 140 South Dearborn-Suite 600  
 Chicago, IL 60603

Author and agent telephone number

312/782-7606

For number

312/782-6943

Email Nagrojean@ancelglink.com

CERTIFICATION I, the undersigned, hereby certify that I am the

check only one

- ☐ author
- ☐ other copyright claimant
- ☐ owner of exclusive right(s)
- ☒ authorized agent of Kluban, Skahan & Associates, Inc.

Name of owner or other copyright claimant, or owner of exclusive right(s)

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date If this application gives a date of publication in space 2, do not sign and submit it before that date.

Nicholas A. Grojean

Date 5/17/07

Handwritten Signature (X) Nicholas A. Grojean

Certificate will be mailed in window envelope to this address:

Name Nicholas A. Grojean  
 Address Ancel, Glink, Diamond, Bush, DiCianni & Krafthefer, PC  
140 South Dearborn-Suite 600  
 City/State/Zip Chicago, IL 60603

- 1. Complete all necessary sections.
- 2. Sign your application in space 2.
- 3. Deposit materials:
- 1. Application form
- 2. Non-refundable filing fee in check or money order payable to Copyright Clearance Center
- 3. Deposit materials
- 4. Send to:
- Library of Congress
- Copyright Office
- 171 Independence Avenue SE
- Washington, DC 20540-6004

17 USC 1205(a) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any written statement filed in connection with the application, shall be fined not more than \$1,000.



## Certificate of Registration



Form CA

For Supplementary Registration  
UNITED STATES COPYRIGHT OFFICE

This Certificate issued under the seal of the Copyright Office in accordance with title 17, *United States Code*, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

*Marybeth Peters*

Register of Copyrights, United States of America

REG

VAu756-018



K000000756018

TX TXU PA PAU VA VAU SR SRU RE

EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

MAY 21 2008

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

A

## Title of Work ▼

New (Ashcroft) Junior High School Architectural Plans -not yet constructed

## Registration Number of the Basic Registration ▼

VAu 739-071

## Year of Basic Registration ▼

2007

## Name(s) of Author(s) ▼

Kluber, Skahan &amp; Associates, Inc.

## Name(s) of Copyright Claimant(s) ▼

Kluber, Skahan &amp; Associates, Inc.

B

## Location and Nature of Incorrect Information in Basic Registration ▼

Line Number 1 Line Heading or Description Nature of this Work

## Incorrect Information as It Appears in Basic Registration ▼

The Nature of this Work was provided as Architectural Work.

## Corrected Information ▼

The Nature of this Work should be Architectural Plans.

## Explanation of Correction ▼

C

## Location and Nature of Information in Basic Registration to be Amplified ▼

Line Number 6a Line Heading or Description Preexisting material

## Amplified Information and Explanation of Information ▼

No claim is made to any preexisting material owned by third parties or information that is in the public domain.

MORE ON BACK ►

• Complete all applicable spaces (D-G) on the reverse side of this page.  
• See detailed instructions • Fill this form at Series E

DO NOT WRITE HERE

FORM CA RECEIVED

FORM CA

MAY 21 2008

FUNDS RECEIVED DATE

MAY 21 2008

EXAMINED BY

WBS

CORRESPONDENCE ☐FOR  
COPYRIGHT  
OFFICE  
USE  
ONLYREFERENCE TO THIS REGISTRATION ADDED TO  
BASIC REGISTRATION ☒ YES ☐ NO

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

Continuation of: ☒ Part B or ☒ Part C

Part B

Line 2a

Description: Nature of Authorship

Incorrect information:

The box was checked for "Architectural work".

Corrected information:

The boxes should be checked for "Technical Drawings" and "Text."

Part C

Line 6b

Description: Material added to this Work

Original work of authorship of specifications, text, and technical drawings.

Correspondence: Give name and address to which correspondence about this application should be sent.

Joseph T. Kucala, Jr. c/o Norvell IP llc  
1776 Ash Street  
Northfield, IL 60093

Phone ( 630) 453-8380

Fax ( 312) 268-5063

Email jkucala@norvellip.com

Deposit Account: If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name \_\_\_\_\_

Account Number \_\_\_\_\_

Certification\* I, the undersigned, hereby certify that I am the: (Check only one)

☐ author☐ owner of exclusive right(s)☐ other copyright claimant☒ duly authorized agent of

Kluber, Skahan &amp; Associates, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name ▼

Michael T. Kluber

Date ▼

16 May 08

Handwritten signature (X) ▼

Michael T. Kluber

Certificate  
will be  
mailed in  
window  
envelope  
to this  
address:

Name ▼

Joseph T. Kucala, Jr.

Number/Street/Apt ▼

1776 Ash Street

City/State/ZIP ▼

Northfield, Illinois 60093

## YOU MUST:

- Complete all necessary spaces
- Sign your application in Space F

SEND ALL ELEMENTS  
IN THE SAME PACKAGE:

1. Application form
2. Nonrefundable filing fee in check or money order payable to Registrar of Copyrights

## MAIL TO:

Library of Congress  
Copyright Office  
101 Independence Avenue SE  
Washington, DC 20559-6000



## ELECTRICAL SYMBOL'S LIST

SYMBOL			DESCRIPTION	SYMBOL			DESCRIPTION
CEILING	WALL	FLOOR		CEILING	WALL	FLOOR	
LUMINAIRES							
			2x4 FLUORESCENT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE. SHADING-NIGHT LIGHT			FIRE ALARM PULL STATION. Ø48" AFF	
			2x2 FLUORESCENT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE. NIGHT LIGHT AND EMERGENCY FIXTURE.			FIRE ALARM STROBE LIGHT. NUMBER INDICATES CANDELA LEVEL. (110cd UNLESS NOTED OTHERWISE) Ø80" AFF	
			FIXTURE WITH NORMAL/EMERGENCY LIGHTING TRANSFER DEVICE. SEE LIGHTING FIXTURE SCHEDULE.			FIRE ALARM HORN/STROBE COMBINATION. Ø80" AFF NUMBER INDICATES CANDELA LEVEL. (110cd UNLESS NOTED OTHERWISE)	
			4' FLUORESCENT INDIRECT FIXTURE TYPE. SEE LIGHT FIXTURE SCHEDULE.			SMOKE DETECTOR. E=ELEVATOR RECALL.	
			4' FLUORESCENT STRIP FIXTURE TYPE. SEE LIGHT FIXTURE SCHEDULE. A= FIXTURE TYPE, 2= CIRCUIT ASSIGNMENT, Ø=SWITCH LEG			HEAT DETECTOR. NUMBER=TEMP. RATING, RR=RATE OF RISE.	
			DOWN LIGHT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.			FIRE ALARM DUCT SMOKE DETECTOR WITH FAN SHUT DOWN RELAY.	
			TRACK LIGHT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.			REMOTE INDICATING LIGHT WITH TEST SWITCH.	
			WALL MTD. FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.			PROGRAMMABLE FAN SHUT DOWN RELAY.	
			SELF CONTAINED EMERGENCY BATTERY PACK W/ BATTERY BACK-UP SEE LIGHTING FIXTURE SCHEDULE.			SPRINKLER ALARM FLOW SWITCH. FURNISHED BY DIV.15, WIRED BY E.O.	
			LED EXIT SIGN. ARROWS AS INDICATED. SEE LIGHTING FIXTURE SCHEDULE. WG= WIRE GUARD, PG= PLEXIGLASS SHIELD. EM/EXIT COMBO UNIT. SEE LIGHTING FIXTURE SCHEDULE.			SPRINKLER ALARM TAMPER SWITCH. FURNISHED BY DIV. 15, WIRED BY E.C.	
			SINGLE POLE TOGGLE SWITCH. 15A OR 20A AS REQUIRED. 120/277V Ø=SWITCHING CIRCUIT. P=PILOT LIGHT, K=KEYED SW., LV=LOW VOLTAGE			MONITOR/CONTROL MODULE. S=SINGLE POINT MONITOR MODULE, D=DUAL POINT, C=CONTROL MODULE.	
			3-WAY TOGGLE SWITCH. 15A OR 20A AS REQUIRED. 120/277V 3=3 WAY DIMMER			MAGNETIC DOOR HOLDER FOR FIRE ALARM SYSTEM. W=WALL, F=FLOOR.	
			LIGHTING CONTROL DIMMER SWITCH. SIZE AS INDICATED.			SPRINKLER BELL. WP=WEATHER PROOF.	
			MOMENTARY CONTACT SWITCH.			END OF LINE RESISTOR.	
			THERMAL OVERLOAD SWITCH.			FIRE FIGHTERS HAT.	
						ANSUL SYSTEM.	
WIRING DEVICES & OUTLETS							
			SPECIAL PURPOSE SINGLE RECEPTACLE. Ø18" AFF MATCH CONFIGURATION TO EQUIPMENT.			CCTV CAMERA. WP=WEATHER PROOF.	
			DUPLEX RECEPTACLE. 20A 125V 2P 3W GRD. NEMA5-20R. Ø18" AFF D=DEDICATED CIRCUIT. 1' = MTD. Ø48" AFF, OR Ø6" ABOVE COUNTER.			SECURITY MONITOR.	
			GFCI(GROUND FAULT CIRCUIT INTERRUPTER) PROTECTED RECEPTACLE. WP=WEATHER PROOF. 20A 125V 2P 3W GRD. NEMA5-20R. Ø18" AFF			MOTION SENSOR. B=BEAM. L=LONG RANGE BEAM.	
			ISOLATED GROUND(GI) RECEPTACLE. Ø18" AFF 20A 125V 2P 3W GRD. NEMA5-20R OR AS SPECIFIED.			PANIC BUTTON. D=DESK, W=WALL, F=FLOOR.	
			DOUBLE DUPLEX RECEPTACLE. Ø18" AFF 20A 125V 2P 3W GRD. NEMA5-20R.			AUTOMATIC DOOR OPENER. WP=WEATHER PROOF.	
			DUPLEX RECEPTACLE W/ VIDEO OUTLET IN 2-GANG JBOX. REFER TO VIDEO OUTLET DETAIL. 20A 125V 2P 3W GRD. NEMA5-20R. Ø96" AFF			DOOR PROCESSING UNIT.	
			FURNITURE RECEPTACLE. COORDINATE WITH FURNITURE OR CABINET MANUFACTURER. 20A 125V 2P 3W GRD. NEMA5-20R OR AS SPECIFIED.			SECURITY CONTROL PANEL "MAIN BRAIN"	
			CEILING RECEPTACLE, DROP CORD, OR CORD REEL AS NOTED.			PROXIMITY READER. DOUBLE GANG JUNCTION BOX WITH SINGLE GANG PLASTER RING AND 3/4"C TO INDOOR ACCESSIBLE CEILING SPACE.	
			TELEPHONE OUTLET Ø18" AFF. REFER TO COMMUNICATION OUTLET DETAIL W=PUBLIC WALL PHONE Ø54" AFF. 2V= 2 PHONE JACKS. ▼ =6" ABOVE COUNTER			MAGNETIC DOOR CONTACT SWITCH.	
			COMMUNICATIONS OUTLET Ø18" AFF. REFER TO COMMUNICATION OUTLET DETAIL. 2D= 2 DATA JACKS, AV= AUDIO/VISUAL JACK, MIC= MICROPHONE JACK. ▼ = 6" ABOVE COUNTER, AUX = AUX. CONNECT.			ELECTRIC DOOR STRIKE.	
			FLUSH MTD. FLOOR BOX AND RECEPTACLE. (COVER & CARPET FLANGE SELECTED BY ARCHITECT/OWNER)			DOOR BELL/CHIME/BUZZER	
			STAINLESS STEEL PEDESTAL MTD. FLOOR BOX AND RECEPTACLE (SEE FLOOR PLANS FOR RECEPTACLE TYPE - I.E. GPI, SPECIAL, ETC.)			LOW VOLTAGE TRANSFORMER.	
			FLUSH MTD. FLOOR BOX AND TELE/DATA OUTLET. (COVER & CARPET FLANGE SELECTED BY ARCHITECT/OWNER)	INTERCOM, CLOCK, & SOUND SYSTEM			
			STAINLESS STEEL PEDESTAL MTD. FLOOR BOX FOR TELE/DATA			PA/CLOCK SYSTEM CLOCK. D=DOUBLE FAC.	
			MULTI SERVICE CAST IRON RECESSED FLOOR BOX. (COVER & CARPET FLANGE SELECTED BY ARCHITECT/OWNER)			PA/CLOCK SYSTEM SPEAKER. L=LOUD SPEAKER. WP=WEATHER PROOF.	
			POKE THRU POWER. (SERVICE FITTING SELECTED BY ARCHITECT/OWNER)			PA/CLOCK SYSTEM VOLUME CONTROL.	
			POKE THRU TELE/DATA. (SERVICE FITTING SELECTED BY ARCHITECT/OWNER)			MICROPHONE JACK.	
			POKE THRU COMBINATION POWER AND DATA (SEE PLANS FOR EXACT CONFIGURATIONS - SERVICE FITTING SELECTED BY ARCHITECT/OWNER)			GYM SOUND SYSTEM SPEAKER.	
			SPECIAL PURPOSE OUTLET. NEMA SIZE AS NOTED. PD = PEDISTAL MOUNTED, STAINLESS STEEL ENCLOSURE			POWER SUPPLY.	
			MULTI-CHANNEL SURFACE RACEWAY Ø48" AFF OR Ø6" ABOVE COUNTER. RUN LENGTH AS SHOWN ON PLANS W/RECEP. 6" ON CENTER, U.N.O.			AMPLIFIER.	
			HAND DRYER. PROVIDE TOGGLE 30A/1P DISCONNECT SWITCH ABOVE ACCESSIBLE CEILING.			INTERCOM.	
			JUNCTION BOX PD = PEDISTAL MOUNTED, STAINLESS STEEL ENCLOSURE			SINGLE GANG WALL BOX FOR MICROPHONE JACKS +18" A.F.F.	
			PULL BOX. SIZE AS NOTED.			SINGLE GANG WALL BOX FOR MICROPHONE JACKS +45" A.F.F.	
			POWER/TELEPHONE/DATA POLE OR MULTI CHANNEL METAL RACEWAY VERTICAL RUN. REFER TO DRAWWINGS & DETAILS.			DUAL GANG WALL BOX FOR REMOTE CONTROL +45" A.F.F.	
			ELECTRICALLY HELD LIGHTING CONTACTOR. SIZE, COIL VOLTAGE, AND NUMBER OF POLES AS INDICATED.			AUDIO/VISUAL OUTLET WITH CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE WITH PULL STRING. COORDINATE EXACT SIZE OF JUNCTION BOX WITH VOICE/DATA CONTRACTOR	
			ELECTRONIC TIME CLOCK.			AUDIO/VISUAL JUNCTION BOX	
			PHOTOCELL.	TELE/DATA, VIDEO SYSTEM			
			UNDER GROUND PULL BOX. SIZE AS NOTED.			TV OUTLET WITH 3/4"C. STUBBED TO ACCESSIBLE CEILING SPACE WITH PULL STRING. REFER TO TELE/DATA OUTLET DETAIL.	
			FLEXIBLE CONDUIT CONNECTION.			ANTENNA OUTLET	
			WIRING IN CONDUIT CONCEALED ABOVE CEILING, IN WALL AND UNDER FLOOR OR UNDERGROUND.			INTERMEDIATE DISTRIBUTION FRAME.	
			WIRING IN CONDUIT EXPOSED ON CEILING OR WALL.			MAIN DISTRIBUTION FRAME.	
			BRANCH CIRCUIT WIRING IN CONDUIT HOMERUN TO PANEL. ONE ARROW PER HOMERUN. SLASHES INDICATE NUMBER OF CONDUCTORS.			PHONE DISTRIBUTION CABINET	
			INDICATES GROUND CONDUCTOR.			PLYWOOD TELEPHONE TERMINAL BOARD. SIZE AS SHOWN.	
			INDICATES ISOLATED GROUND CONDUCTOR.	DEMOLITION			
POWER EQUIPMENT & DEVICES						NEW DEVICE OR EQUIPMENT.	
			MANUAL MOTOR STARTER OR 1P DISCONNECT SWITCH WITH THERMAL OVERLOAD PROTECTION.			EXISTING ELECTRICAL OUTLET OR EQUIPMENT TO BE DEMOLISHED COMPLETE INCLUDING BRANCH CIRCUITRY TO SOURCE.	
			SPEED CONTROL SWITCH FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.			REMOVED & REPLACED EXISTING EQUIPMENT WITH NEW AS SPECIFIED.	
			UP/DOWN/STOP PUSHBUTTON CONTROL STATION.			EXISTING ELECTRICAL OUTLET OR EQUIPMENT TO REMAIN. (CIRCUIT # = REQUOTE EXISTING CIRCUIT TO NEW CIRCUIT NUMBER)	
			SAFETY SWITCH. N=NON-FUSED (AMPS/POLES/ENCLOSURE). F=FUSED. (AMPS/FUSE/POLES/ENCLOSURE).			EXISTING ELECTRICAL OUTLET OR EQUIPMENT RELOCATED. (NEW LOCATION)	
			MAGNETIC MOTOR STARTER. NEMA SIZE AS NOTED.			EXISTING ELECTRICAL OUTLET OR EQUIPMENT TO BE REMOVED & RELOCATED(OLD LOCATION).	
			COMBINATION MAGNETIC MOTOR STARTER AND FUSED DISCONNECT SW. (AMPS/FUSE/POLES/NEMA SIZE).	MISCELLANEOUS			
			MOTOR. HP= HORSE-POWER RATING.			HVAC EQUIPMENT IDENTIFICATION	
			ELECTRIC HEAT OUTLET			KEYNOTE IDENTIFICATION	
			RED MUSHROOM BUTTON FOR EMERGENCY SHUT-DOWN OF EQUIPMENT. PUSH OFF, KEY REQUIRED TO TURN BACK ON.			DETAIL IDENTIFICATION	
			PANEL 240V & BELOW.	MOUNTING HEIGHT			
			PANEL ABOVE 240V.				
			TRANSFORMER. TYPE AND RATINGS ARE AS SHOWN.	FIRE ALARM PULL STATION STROBES 48" 80"			
			GENERATOR REMOTE ANNUNCIATOR PANEL.	FIRE ALARM BELL(S)(EXTERIOR) 12"-0"			
			EQUIPMENT CONTROL PANEL.	FACP & FAAP 48"			
			CEILING FAN	EXIT SIGNS(BOTTOM) 80"			
FIRE ALARM, EMERGENCY EVACUATION/COMMUNICATION SYSTEM				TV OUTLET 18"			
			FIRE ALARM PULL STATION.	INTERCOM 48"			
			FIRE ALARM ANNUNCIATOR PANEL.	PHOTOCELL 12"-0"			
			FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT BOOSTER PANEL.	RECEPTACLE(CENTERLINE) 18"			
				RECEPTACLE(EXTERIOR) 24"			
				RECEPTACLE(WAREHOUSE) 30"			
				TELEPHONE OUTLET(PUBLIC) 54"			
				TELEPHONE OUTLET SWITCH 18"			
				SAFETY SWITCHES 48"			
				PANEL(S)(TOP) 72"			
				CLOCK(CENTERLINE) 96"			
				VIDEO OUTLET 96"			

**KS+A**  
KLUBER, SKAHAN + ASSOCIATES, INC.

901 N. Batavia Ave., Suite 301  
Batavia, Illinois 60510  
tel. 630.406.1213  
fax 630.406.9472  
[www.kluberskahan.com](http://www.kluberskahan.com)

**NEW JUNIOR HIGH SCHOOLS 1 AND 2**  
OSWEGO COMMUNITY UNIT SCHOOL DISTRICT 308  
4175 ROUTE 71  
OSWEGO, ILLINOIS 60543

[illegible]

**JOB NO. 06-158-549/550**  
**DRAWN JRW**  
**CHECKED JRW**  
**APPROVED MTK**

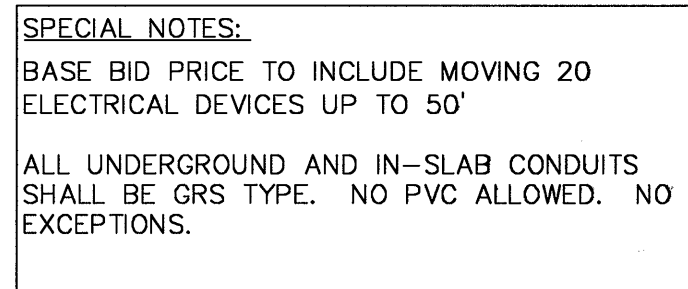
## ELECTRICAL SYMBOL'S LIST

SHEET NUMBER

# E050



EMDP LOADS					
CKT	DESCRIPTION	A	B	C	TOTAL
1	EMP1	13040	12785	10965	36790
2	EMP4	8700	8200	7200	24100
3					
	DEMAND WATTS	21740	20985	18165	60890
	DEMAND AMPS	181	175	151	168



PROVIDE CONDUIT  
AND WIRING AS  
REQUIRED—EPO

# ELECTRICAL ONE LINE DIAGRAM

SCALE: N.T.S.

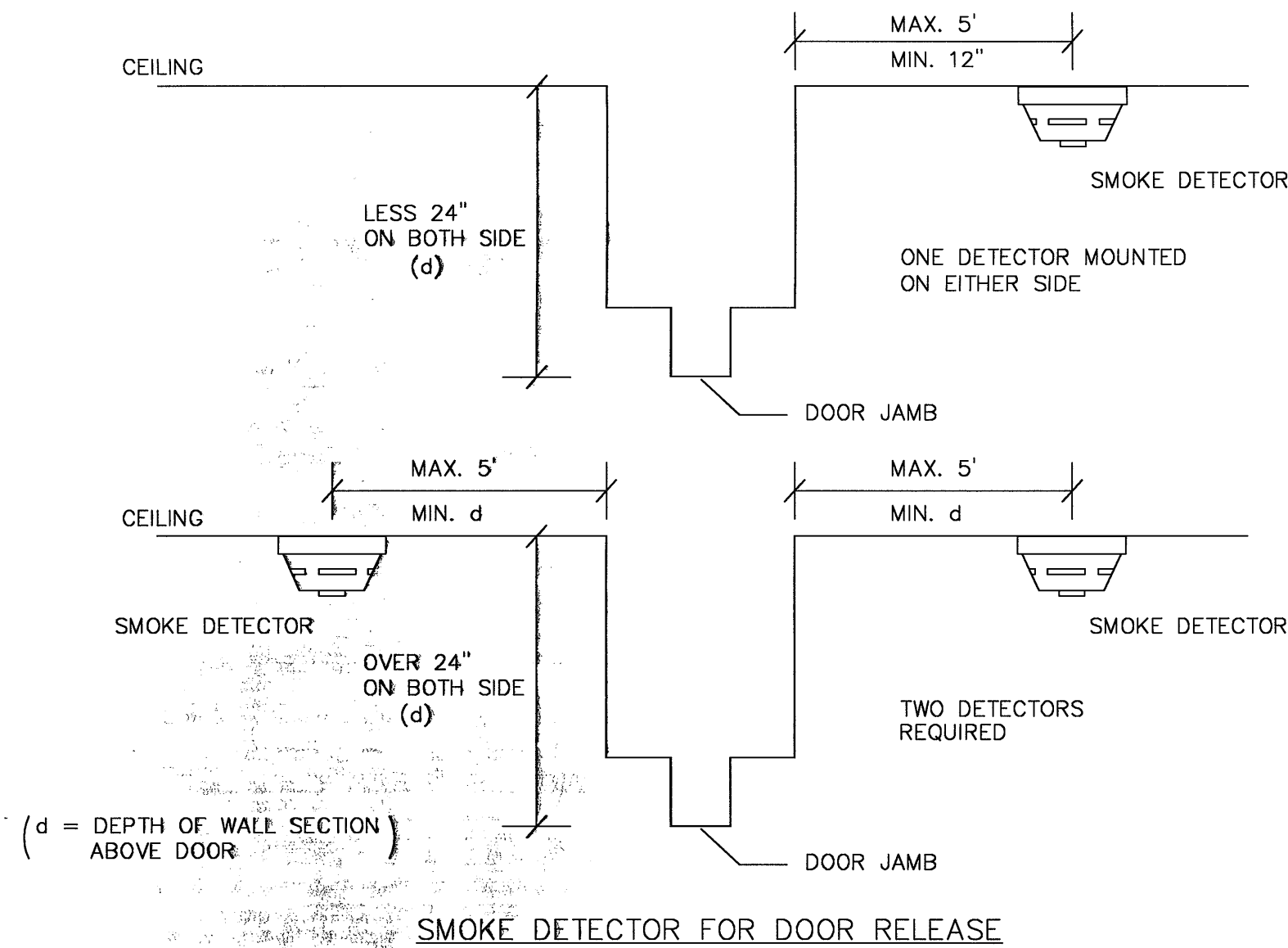
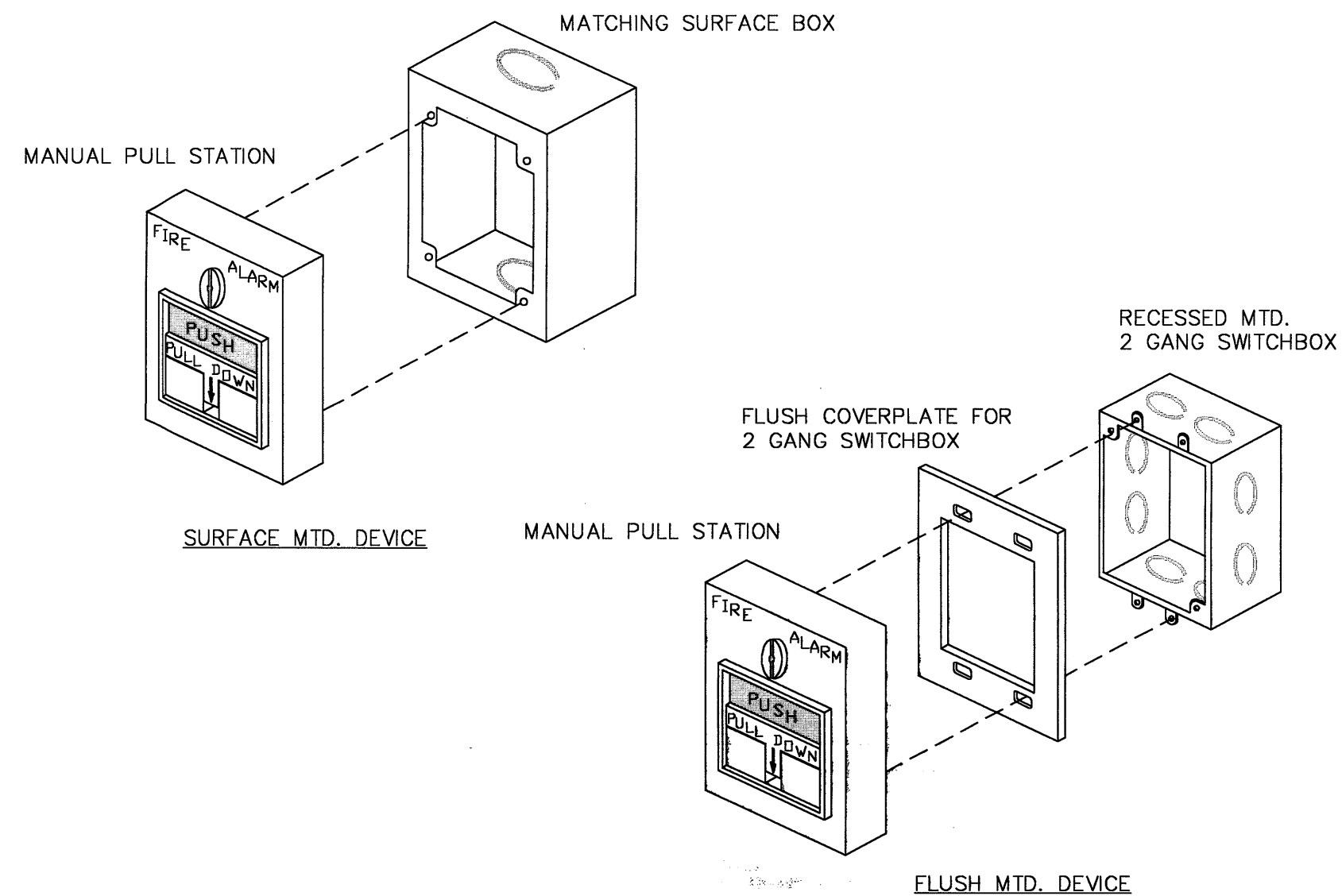


NOT USED  
SCALE: NTS 8

NOT USED  
SCALE: NTS 4

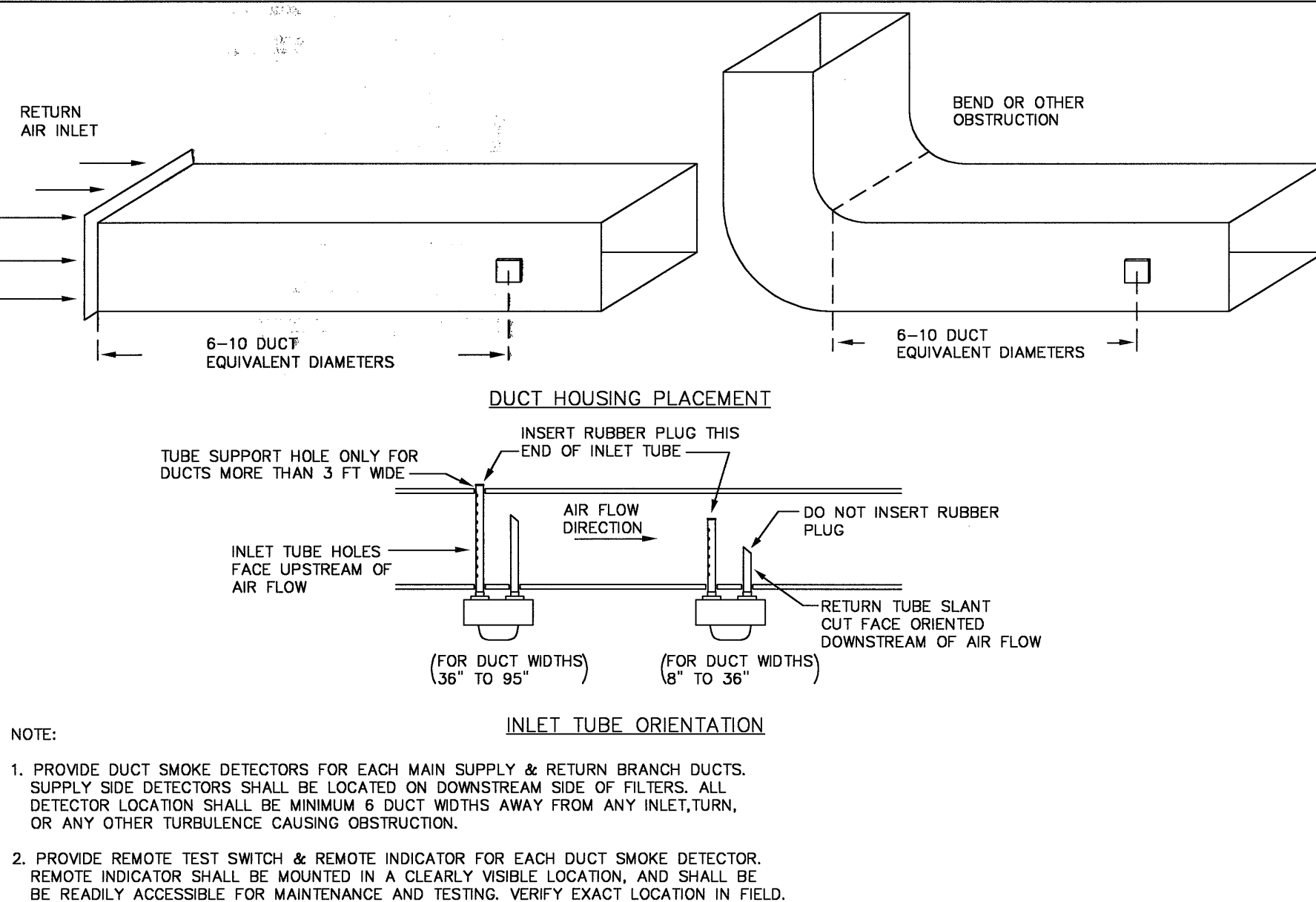
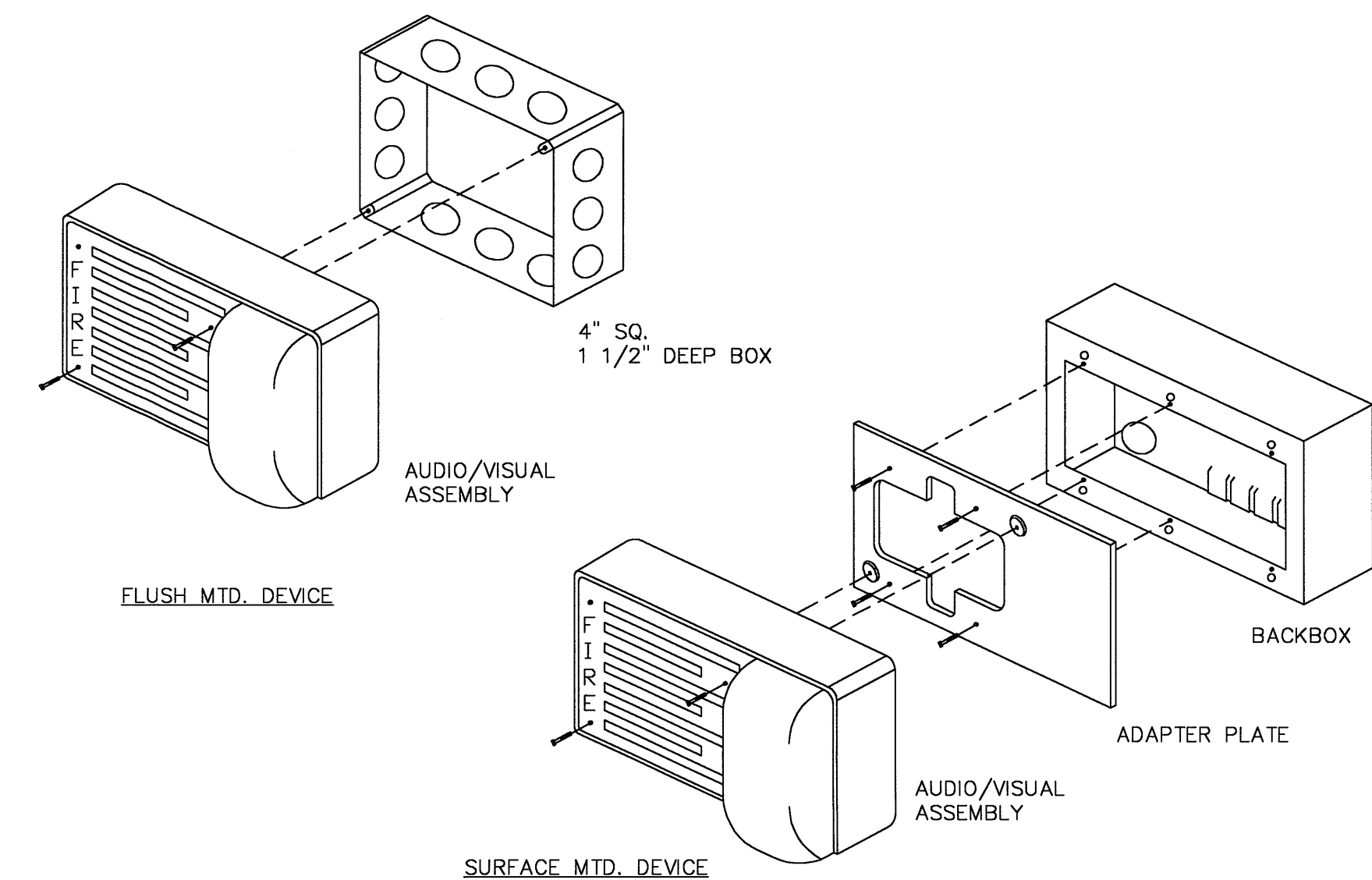
NOT USED  
SCALE: NTS 9

NOT USED  
SCALE: NTS 5



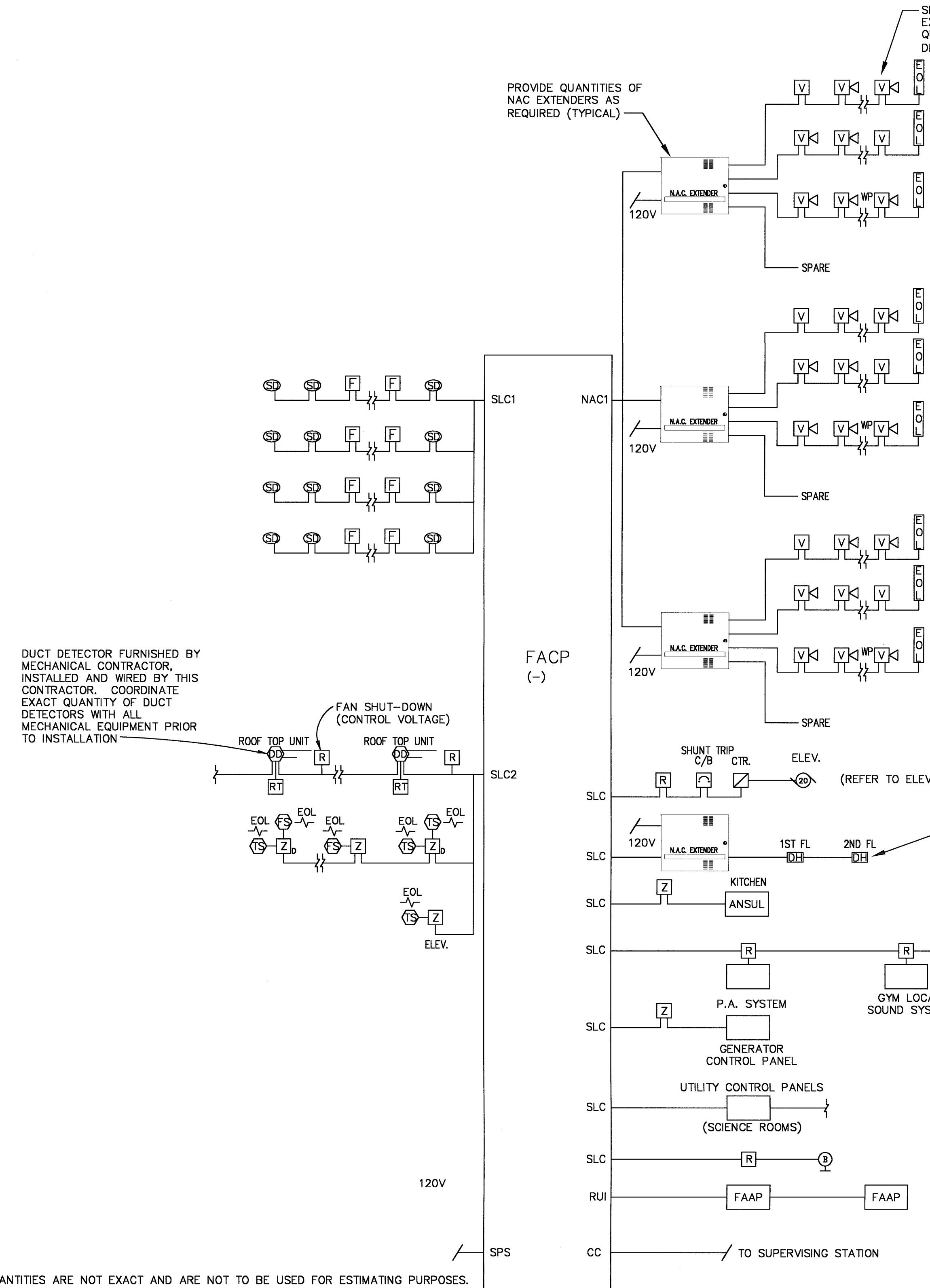
PULL STATION MTD. DETAIL  
SCALE: NTS 10

SMOKE DETECTOR FOR DOOR RELEASE DETAIL  
SCALE: NTS 6



A/V MTD. DETAIL  
SCALE: NTS 11

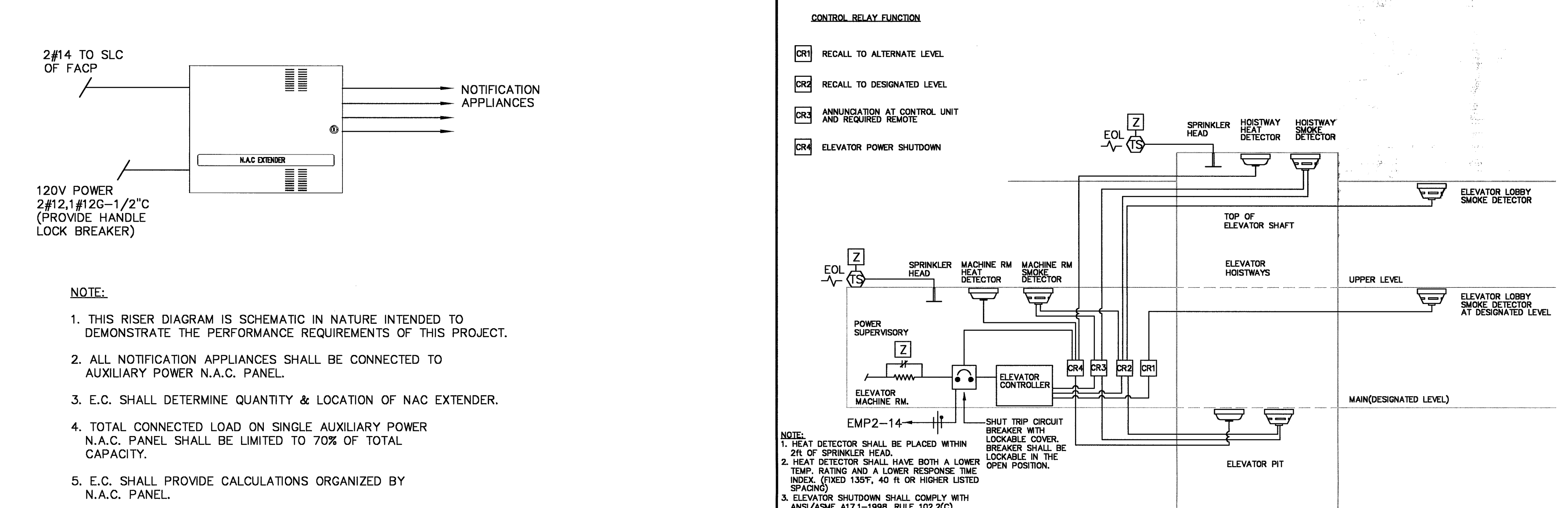
DUCT SMOKE INSTALLATION DETAIL  
SCALE: N.T.S. 7



- NOTE:
1. INDICATED QUANTITIES ARE NOT EXACT AND ARE NOT TO BE USED FOR ESTIMATING PURPOSES. DEVICE QUANTITIES AND LOCATIONS ARE INDICATED ON THE FLOOR PLAN DRAWINGS. WHERE A CONFLICT EXISTS BETWEEN THESE QUANTITIES AND THE FLOOR PLAN QUANTITIES, THE HIGHER QUANTITY SHALL BE REQUIRED.
  2. EACH SUPPLY UNIT SHALL HAVE SMOKE DETECTOR AND FAN STOP RELAY TO STOP FAN ON ANY FIRE ALARM. ALL FANS TO BE RESET FROM FIRE ALARM CONTROL PANEL.
  3. VERIFY EXACT FLOW & TAMPER SWITCH QUANTITIES AND LOCATIONS W/ FIRE PROTECTION CONTRACTORS IN FIELD.
  4. ROUTE ALL CABLING TO DESIGNATED ELECTRICAL CLOSETS. NEATLY TRAIN AND MAKE CABLE TERMINATIONS AT ELECTRICAL CLOSETS. HOMERUN ALL CABLES FROM DESIGNATED ELECTRICAL CLOSETS. LOCATE ALL FIELD EQUIPMENT IN DESIGNATED ELECTRICAL CLOSETS.
  5. NAC PANELS SERVING SIMILAR AREAS SHALL HAVE ALL VISUALS SYNCHRONIZED.

NAC EXTENSION WIRING DETAIL  
SCALE: N.T.S. 3

FIRE ALARM SYSTEM RISER DIAGRAM  
SCALE: N.T.S. 1



ELEVATOR RECALL DETAIL  
SCALE: N.T.S. 2

ISSUED	REVISED	DATE	BY	DESCRIPTION
01/24/07	01/24/07	01/24/07	01/24/07	01/24/07

JOB NO. 06-158-549/550  
DRAWN JRW  
CHECKED JRW  
APPROVED MTK

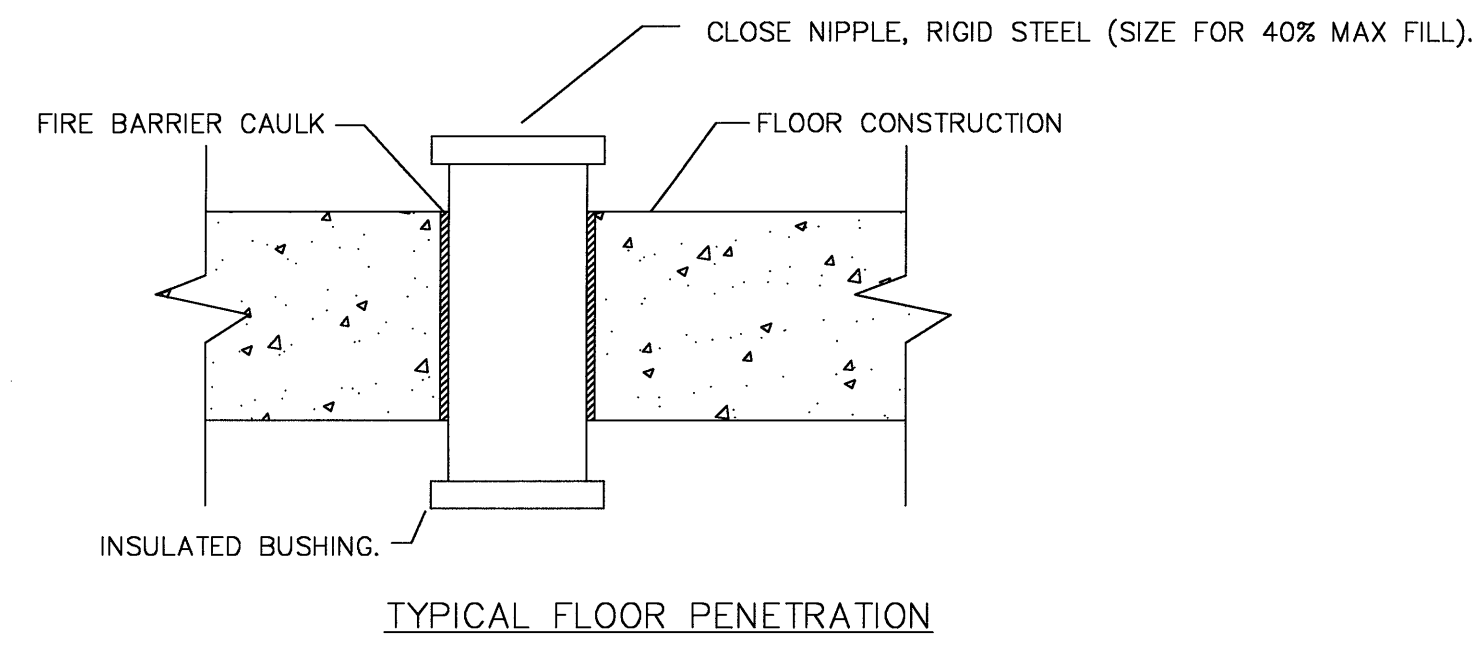
SHEET TITLE

FIRE ALARM SYSTEM  
RISER DIAGRAM  
& DETAILS

SHEET NUMBER

E620



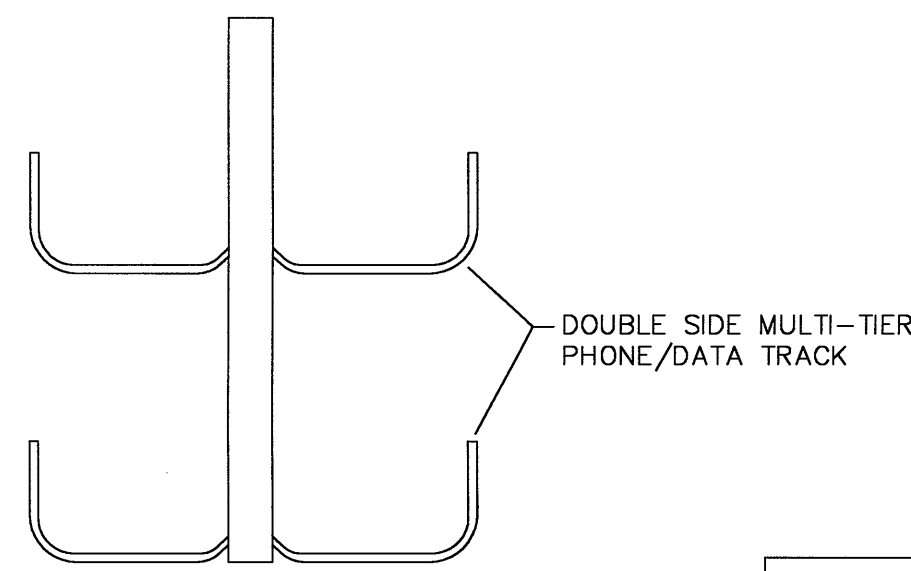


- NOTES:
1. NEATLY CORE ALL MASONRY AND BLOCK WALLS.
  2. RIGIDLY SUPPORT ALL RACEWAYS.
  3. PROVIDE FIRE BARRIER CAULK AT FLOOR, CORRIDOR AND FIRE SEPARATION WALLS.

FLOOR PENETRATION DETAIL

SCALE: NTS

7



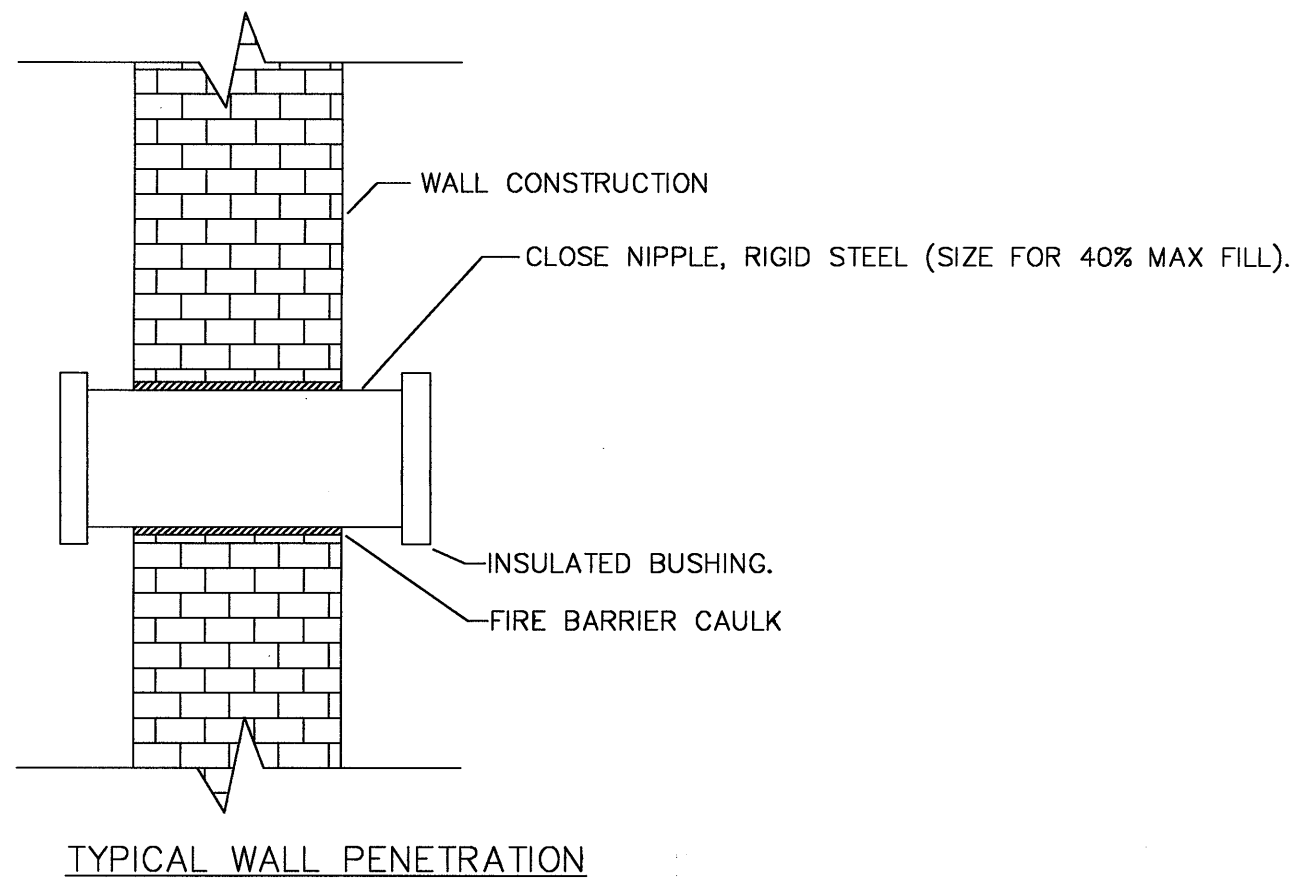
- \* 8-LINE VERTI-RACK SYSTEM OR EQUAL.
1. MATERIAL : ALUMINUM
  2. TYPE : 4 TIER
  3. LOAD DEPTH : 3"
  4. RUNG SPACE : 18"
  5. RUNG WIDTH : 3" (TOP 2), 9" (BOTTOM 2)
  6. LENGTH : AS INDICATED.
  7. MOUNTING : SUSPENDED, THREADED ROD.

- NOTE:
1. PROVIDE ALL NECESSARY MOUNTING ACCESSORIES.
  2. PROVIDE ADDITIONAL TIERS AS REQUIRED.
  3. VERIFY EXACT REQUIREMENTS IN FIELD.

TYP. CABLE RUNWAY SYSTEM DETAIL

SCALE: NTS

8

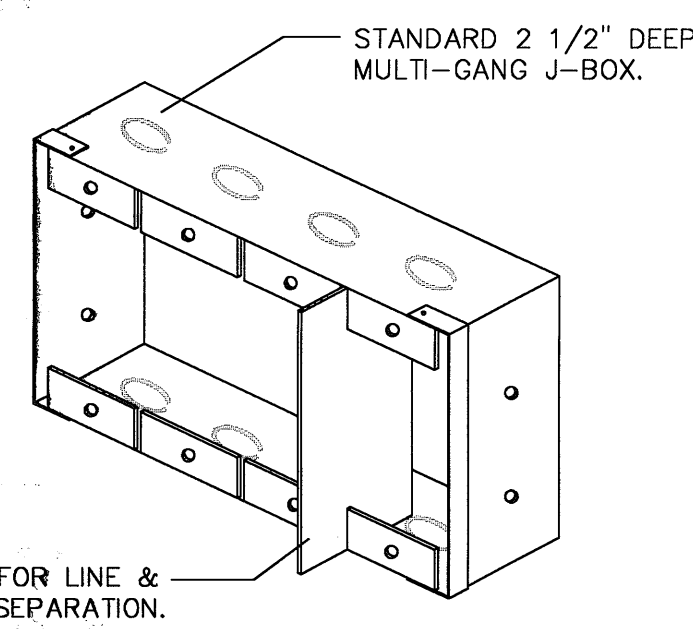


- NOTES:
1. NEATLY CORE ALL MASONRY AND BLOCK WALLS.
  2. RIGIDLY SUPPORT ALL RACEWAYS.
  3. PROVIDE FIRE BARRIER CAULK AT FLOOR, CORRIDOR AND FIRE SEPARATION WALLS.

WALL PENETRATION DETAIL

SCALE: NTS

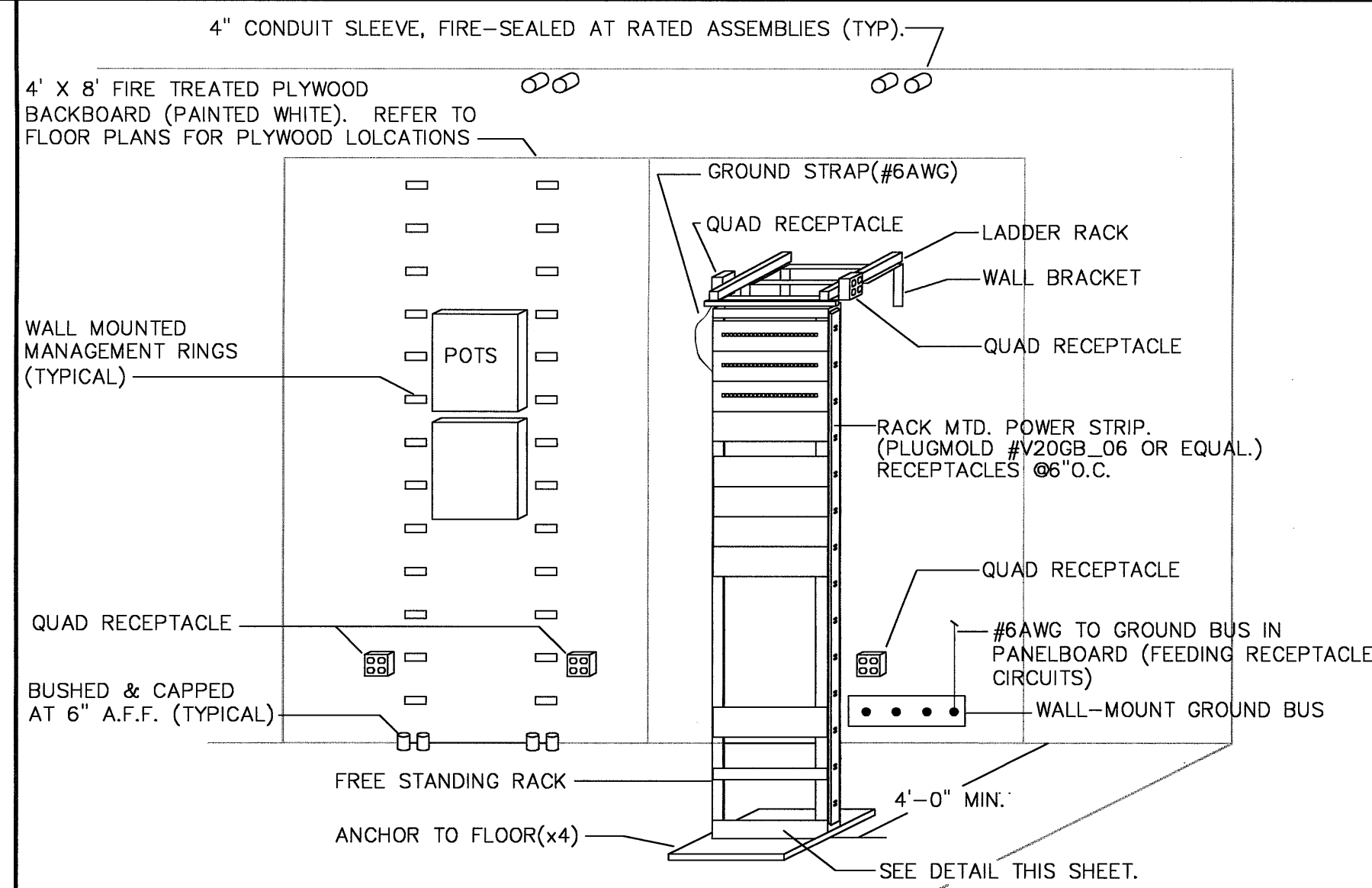
9



MULTI-GANG J-BOX DETAIL

SCALE: NTS

6



TYPICAL MDF CLOSET LAYOUT DETAIL

SCALE: NTS

4

LOW VOLTAGE RISER DIAGRAM

SCALE: NTS

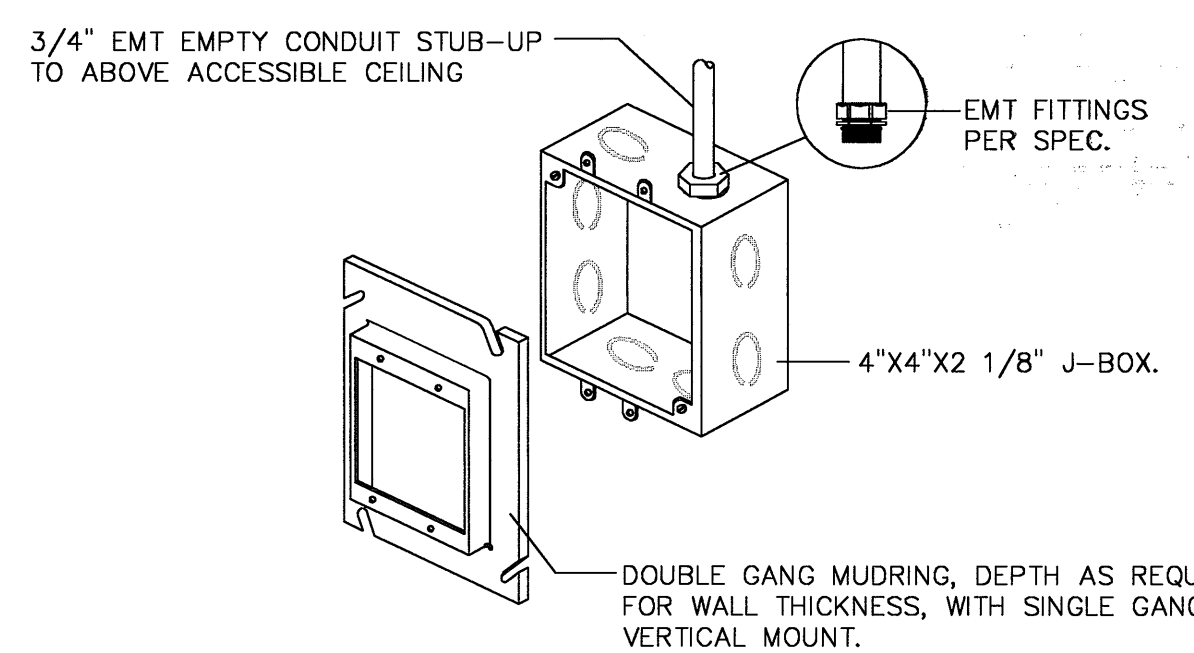
1

- REFER TO MANUFACTURER'S INSTRUCTIONS AND SHOP DRAWINGS WITH REGARDS TO ACTUAL ROUGH-IN REQUIREMENTS.
- Ⓢ SPEAKER BACKBOX, CEILING-MOUNT.
  - Ⓟ PROX. CARD READER OUTLET, 1/2"E.C. STUB TO DPU LOCATION, 48" AFF.
  - Ⓞ DOOR STRIKE, 1/2"E.C. STUB TO DPU FROM DOOR ASSEMBLY.
  - Ⓞ DOOR MAG CONTACT, 1/2"E.C. STUB TO ACCESS.CLO OR ROOF DECK AT EXPOSED AREAS.
- OUTLET:
- BLOCK/MASONRY WALL: 4" SQUARE MASONRY BOX WITH SINGLE DEVICE TILE COVER.
  - HOLLOW CAVITY: 4" SQUARE, BOX WITH SINGLE DEVICE TRIM RING.
  - FLOOR: ABOVE FLOOR FITTING WITH TWO JACK DEVICE PLATE.
  - ACCESSIBLE CEILING: NO ROUGH-IN
  - INACCESSIBLE CEILING: 4" SQUARE BOX WITH TRIM RING, 3/4" STUB TO ACCESSIBLE LOCATION.

ROUGH-IN NOTES

SCALE: NTS

2



PHONE & DATA OUTLET STUB-UP DETAIL

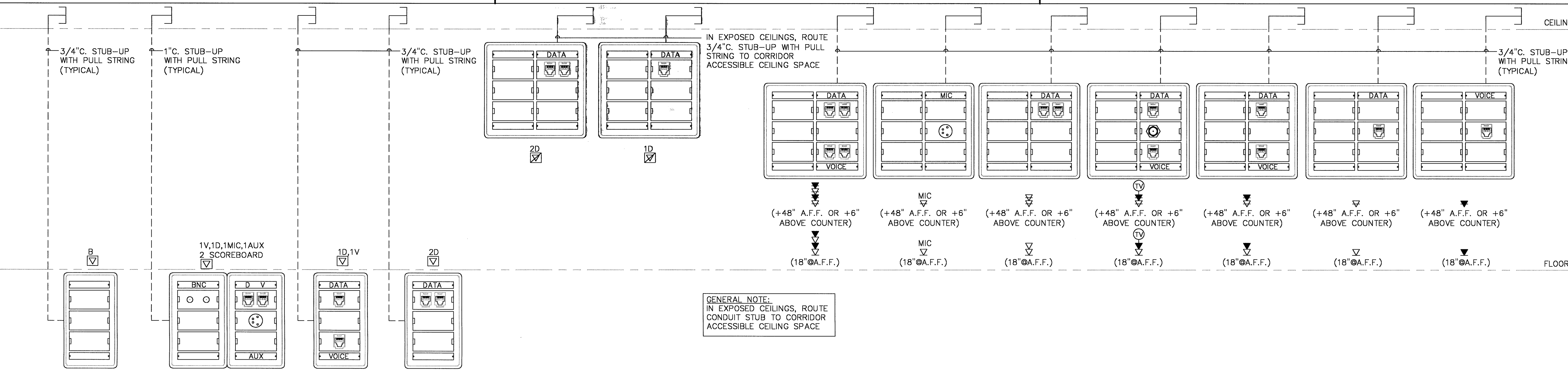
SCALE: NTS

3

COMMUNICATIONS OUTLET ROUGH-IN DETAIL

SCALE: NTS

5



GENERAL NOTE:  
IN EXPOSED CEILINGS, ROUTE CONDUIT STUB TO CORRIDOR ACCESSIBLE CEILING SPACE.

KS+A  
KLUBER, SKAHAN + ASSOCIATES, INC.

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NEW JUNIOR HIGH SCHOOLS 1 AND 2  
OSWEGO COMMUNITY UNIT SCHOOL DISTRICT 308  
1715 ROUTE 1  
OSWEGO, ILLINOIS 60543

ISSUED	BID DOCUMENTS
01/24/07	

JOB NO. 06-158-549/550  
DRAWN JK  
CHECKED MTK  
APPROVED MTK

SHEET TITLE  
LOW VOLTAGE  
CABLING  
RISER DIAGRAM &  
DETAILS

SHEET NUMBER

E630



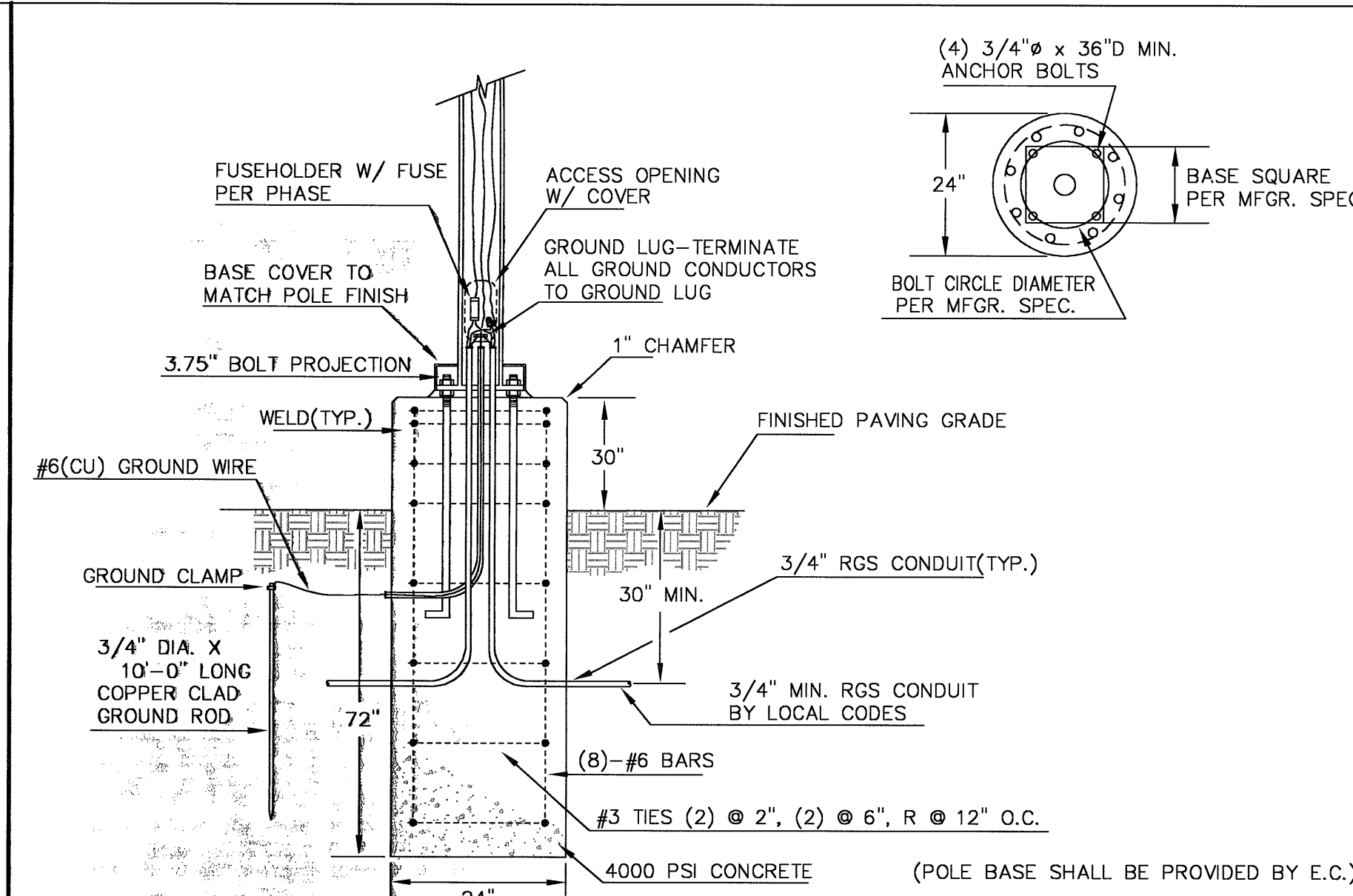
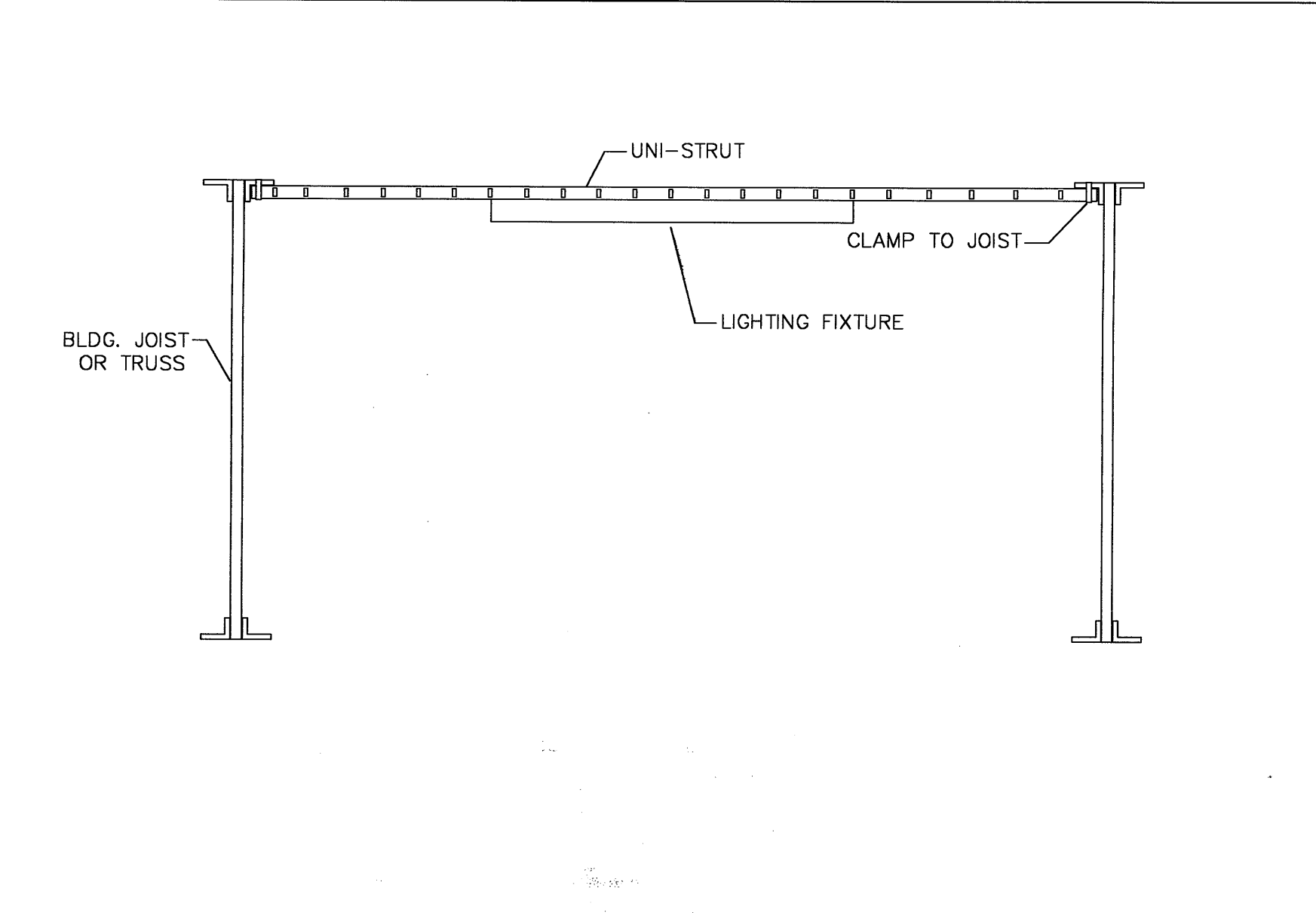
EXTERIOR LUMINAIRE SCHEDULE

TYPE	LAMPS NO. CAT. NO.	MFGR	CAT. NUMBER	DESCRIPTION	VOL	DISTRIBUTION	SHIELDING	FINISH	MOUNTING	NOTE
OA	1	400MH/ CLEAR	McGraw-Edison	GSM-AM-400MH-MT-3F-FG	277V	TYPE III	TEMPERED GLASS	DARK BRONZE	4" OR 5" SQUARE POLE ARM	1,2,3
			EXCELINE	VL405MAL8FG4						
			LITHONIA	SSS51125BLFV						
			LITHONIA	SSS 25 5C DM1R						
OB	2	400MH/ CLEAR	McGraw-Edison	(2) GSM-AM-400MH-277-AS-FG	277V	AREA SQUARE	TEMPERED GLASS	DARK BRONZE	4" OR 5" SQUARE POLE ARM	1,2,3,11
			EXCELINE	(2) VL405MAL8FG4						
			LITHONIA	SSS51125BLFV						
			LITHONIA	SSS 25 5C DM28						
OC	1	175MH/ CLEAR	McGraw-Edison	WST 175M WT 277	277V	TYPE IV	CLEAR TEMPERED GLASS	NATURAL ALUMINUM	WALL	1,2,3,5
			EXCELINE	WST 175M WT 277						
			LITHONIA	WST 175M WT 277						
			LITHONIA	WST 175M WT 277						
OD	1	70MH/ CLEAR	McGraw-Edison	PCST2MAL6	277V	TYPE II	CLEAR TEMPERED GLASS	-	WALL	1,2,3,5
			EXCELINE	PCST2MAL6						
			LITHONIA	WST 70M WT 277 SF						
			LITHONIA	WST 70M WT 277 SF						
OE	1	150MH/ CLEAR	McGraw-Edison	VFM-X-150MH-277-NS	277V	TYPE III	TEMPERED GLASS	DARK BRONZE	ARM AT FLAG	1,2,3
			EXCELINE	VFM-X-150MH-277-NS						
			LITHONIA	ASF2 150M 277 NSP						
			LITHONIA	ASF2 150M 277 NSP						

- NOTES:  
1. COLOR SELECTED BY ARCHITECT.  
2. PROVIDE COMBINATIONS OF REFLECTOR TYPES, LENS TYPES, AND LAMP TYPES TO ACHIEVE DESIGNATED DISTRIBUTION.  
3. PROVIDE ALL NECESSARY ACCESSORIES SUCH AS MOUNTING BRACKETS AND ADAPTORS TO COMPLETE THE SYSTEM.  
4. PROVIDE ARC BURNER WHERE REQUIRED.  
5. SEE ARCHITECTURAL ELEVATIONS IN A710 SERIES FOR LOCATIONS OF WALL PACKS.

OUTDOOR LUMINAIRE SCHEDULE

SCALE: NTS

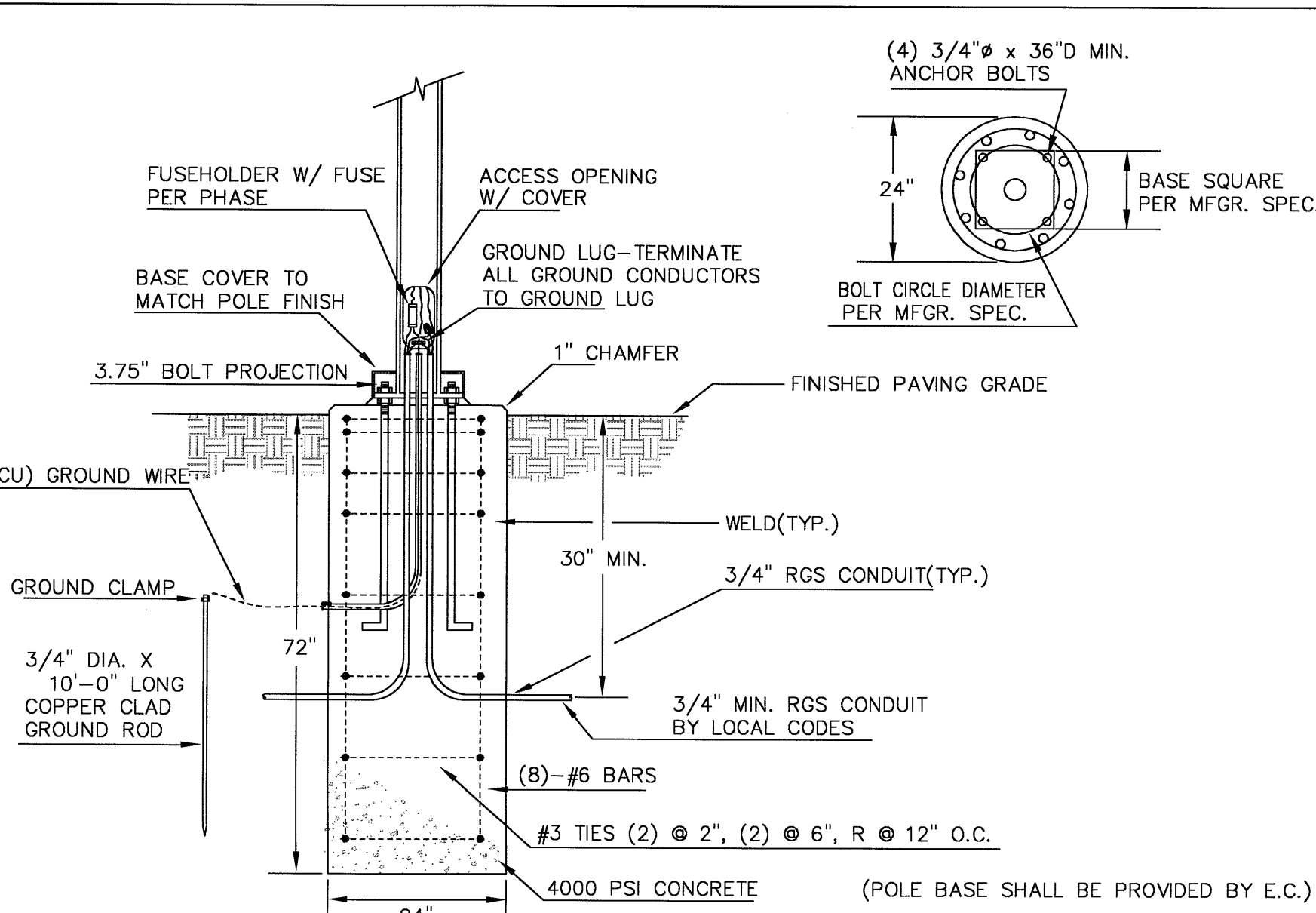


GYM. LIGHTING MOUNTING DETAIL

SCALE: NTS

25' MAXIMUM PARKING LOT POLE BASE DETAIL

SCALE: N.T.S.

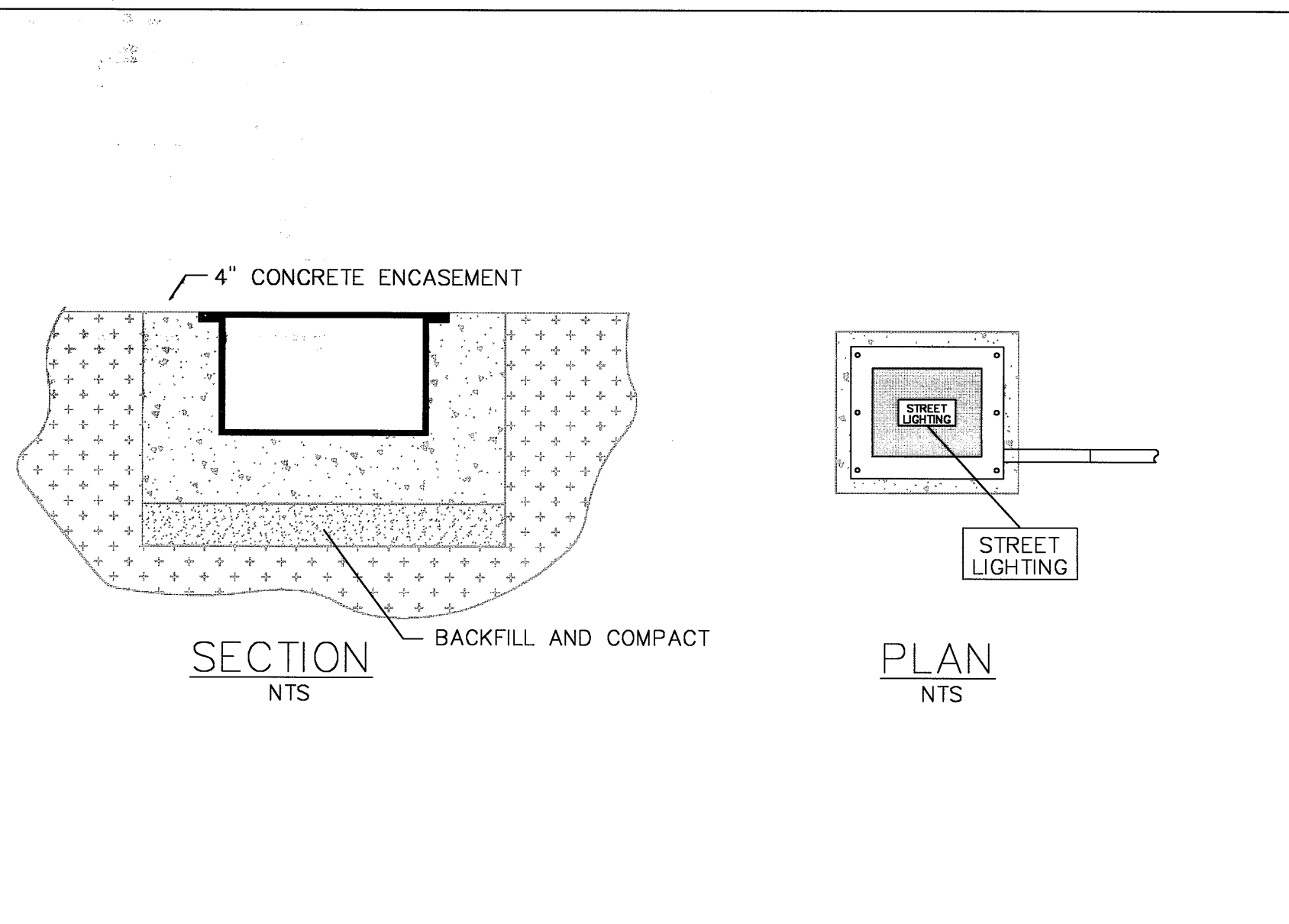


25' MAXIMUM WALKWAY POLE BASE DETAIL

SCALE: N.T.S.

SITE LIGHTING PULL BOX DETAIL

SCALE: NTS



INTERIOR LUMINAIRE SCHEDULE

TYPE	LAMPS NO. CAT. NO.	DESCRIPTION	MFGR	CATALOG NUMBER	VOLTAGE	SHIELDING	FINISH	MOUNTING	NOTE
F1-16	3	18" INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM	CORELITE	AP-WP-3TB-1C-AC48-16	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3,15
F1E-16	3	18" INDIRECT FLUOR LINEAR LTO SYSTEM W/EM LIGHTING XFER DEVICE	CORELITE	AP-WP-3TB-1C-AC48-16-EM XFR	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3
F1AEM-16	3	18" INDIRECT FLUOR LINEAR LTO SYSTEM W/EM LIGHTING XFER DEVICE	CORELITE	AP-WP-3TB-1C-AC48-16-EM XFR	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3,14
F1-20	3	20" INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM	CORELITE	AP-WP-3TB-1C-AC48-20	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3,15
F1A-20	3	20" INDIRECT FLUOR LINEAR LT SYSTEM, 2 BALLASTS (W/ SWITCHING)	CORELITE	AP-WP-3TB-1C-AC48-20	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3
F1A-24	3	24" INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM	CORELITE	AP-WP-3TB-1C-AC48-24	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3,15
F1D-24	3	24" INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM W/ DIMMING BALLAST	CORELITE	AP-WP-3TB-1C-AC48-24-DIMMING	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3,15
F1E-24	3	24" INDIRECT FLUOR LINEAR LTO SYSTEM W/EM LIGHTING XFER DEVICE	CORELITE	AP-WP-3TB-1C-AC48-24-EM XFR	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3
F1DEM-24	3	24" INDIRECT FLUOR LINEAR LTO SYSTEM W/ DIMMING BALLAST & EM LIGHTING XFER DEVICE	CORELITE	AP-WP-3TB-1C-AC48-24-DIMMING-EM XFR	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3
F1A-24	3	20" INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM, 2 BALLASTS	CORELITE	AP-WP-3TB-2C-AC48-24	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3
F1D-24	3	INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM W/ DIMMING BALLAST	CORELITE	AP-WP-3TB-2C-AC48-24-DIMMING	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3
F1-32	3	32" INDIRECT FLUORESCENT LINEAR LIGHTING SYSTEM	CORELITE	AP-WP-3TB-1C-AC48-16	120/277V	SEMI-PERF	WHITE	SUSPENDED	1,2,3,15
F2	3	2X4 LAY-IN W/ PRISMATIC LENS	METALUX	2GR8-332A-E8B1-U	120/277V	PRISMATIC ACRYLIC	WHITE	RECESSED	
F3	2	1X4 RECESSED ASYM DIRECT/INDIRECT (PROVIDE DIMMING WHERE REQ.)	METALUX	RDASY-232RP-E8B1-U	120/277V	ROUND PERFORATED WHITE STEEL	WHITE	RECESSED	11
F3EM	2	1X4 RECESSED ASYM DIRECT/INDIRECT W/EM LTO XFER DEVICE (PROV DIM WHERE REQ.)	METALUX	RDASY-232RP-E8B1-U-EM XFR	120/277V	ROUND PERFORATED WHITE STEEL	WHITE	RECESSED	11
F4	2	MULTI-PURPOSE STYEP LIGHT (PROVIDE DIMMING BALLAST WHERE REQUIRED)	METALUX	SS-232E8B1-WGU	120/277V	NONE	WHITE	CEILING/ SURFACE	1,4,5,11
F5	1	8" APERTURE CFL DOWN LIGHT	PORTFOLIO	C7042-7451-LI	120/277V	NONE	CLEAR ALZAK	RECESSED	
F6D	1	8" APERTURE CFL DOWN LIGHT (DIMMING)	PORTFOLIO	C8032-2D8001-LI	120/277V	NONE	CLEAR ALZAK	RECESSED	
F7	1	100W INCAN.	EXCELINE	RVW10	120V	PRISMATIC TAMPERO GLASS W/ WG	-	WALL/ SURFACE	
F8	3	2X4 LAY-IN W/ PRISMATIC LENS	METALUX	2GR8-432A-E8B1-U	120/277V	PRISMATIC ACRYLIC	WHITE	RECESSED	11
F8EM	3	2X4 LAY-IN W/ PRISMATIC LENS WITH (1) 2 LAMP BALLAST AND (1) 1 LAMP BALLAST	METALUX	2GR8-432A-E8B1-U	120/277V	PRISMATIC ACRYLIC	WHITE	RECESSED	11
F9	2	4" INDUSTRIAL W/ WIRE GUARD	METALUX	DM-232-E8B1-WG	120/277V	WIRE GUARD	WHITE	CEILING/ SURFACE	1,4,11
F9EM	2	4" INDUSTRIAL W/ WIRE GUARD WITH EMERGENCY LIGHTING TRANSFER DEVICE	METALUX	DM-232-E8B1-WG	120/277V	WIRE GUARD	WHITE	CEILING/ SURFACE	1,4,11,14
F10	1	MHC100C/ LUMARK	PORTFOLIO	C7E170V/MCLP-C710MH0E1/2	120/277V	NONE	CLEAR ALZAK	RECESSED	
F11	2	DOWNLIGHT	PORTFOLIO	C9242-820E-LI	120/277V	NONE	LOW IRIDESCENT ANODIZED	RECESSED	
F12	6	2" X 4" HIGH BAY FLUORESCENT	METALUX	2HB-632-AWG-UPL4-SHK-E8B2	120/277V	ACRYLIC LENS; WIRE GUARD & ALUMINUM DOORFRAME	WHITE	CEILING/ SURFACE	4,20
F12EM	6	SAME AS F12 W/ 2-3 LAMP ELEC. BALLASTS	METALUX	2HB-632-AWG-UPL4-SHK-E8B2-(1) EM BALL	120/277V	ACRYLIC LENS; WIRE GUARD & ALUMINUM DOORFRAME	WHITE	CEILING/ SURFACE	4,20
F14	2	FLUORESCENT FIXTURE	METALUX	DMW 2 32 AR MVOLT GEB10S (WIRE GUARD NOT RE	120/277V	WIRE GUARD	WHITE	CEILING/ SURFACE	1,4,11
F16	-	LED EXIT SIGN W/ WIRE GUARD OR PLEXIGLASS COVER WHERE NOTED	SURE-LITES	LPX-70-RWH	120/277V	THERMOPLASTIC	WHITE	CEILING/ WALL	5,9,13
F17	3	2X4 3" LOUVER PARABOLIC TROFFER (18 CELL)	METALUX	2EP3GAX-332S36E-E8B1-U	120/277V	PARABOLIC LOUVER	LOW IRIDESCENT ANODIZED	RECESSED	11
F17A	3	2X4 3" LOUVER PARABOLIC TROFFER (18 CELL)	METALUX	2EP3GAX-332S36E-E8B2-U	120/277V	PARABOLIC LOUVER	LOW IRIDESCENT ANODIZED	RECESSED	11
F17EM	3	2X4 3" LOUVER PARA- TROFFER (18 CELL) W/ EM LTO TRANSFER DEVICE	METALUX	2EP3GAX-332S36E-E8B1-U	120/277V	PARABOLIC LOUVER	LOW IRIDESCENT ANODIZED	RECESSED	11
F18	4	2X4 3" LOUVER PARABOLIC TROFFER (24 CELL - DIMMING WHERE SHOWN)	METALUX	2EP3GAX-432S46E-E8B1-USCF-XK-B	120/277V	PARABOLIC LOUVER	LOW IRIDESCENT ANODIZED	PENDANT	10,11
F18EM	4	2X4 3" LOUVER PARABOLIC TROFFER W/ EMERGENCY LIGHTING TRANSFER DEVICE	METALUX	2EP3GAX-432S46E-E8B1-USCF-XK-B	120/277V	PARABOLIC LOUVER	LOW IRIDESCENT ANODIZED	PENDANT	10,11
F19	2	COMPACT FLUOR.	ALCO	EB-9120P-0277 - "AREA OF REFUGE"	120/277V	POLYCARBONATE	EXTRUDED ALUMINUM	SURFACE	
F20	2	1X4 3" LOUVER PARABOLIC TROFFER (12 CELL)	METALUX	2EP3GAX-232S112-UNV-E8B1	120/277V	PARABOLIC LOUVER	LOW IRIDESCENT ANODIZED	RECESSED	
F21	3	2X4 DIRECT/INDIRECT WITH EMERGENCY LIGHTING TRANSFER DEVICE	METALUX	2RD-332RP-E8B1-U	120/277V	PERFORATED STEEL	WHITE	RECESSED	
F21EM	3	2X4 DIRECT/INDIRECT WITH EMERGENCY LIGHTING TRANSFER DEVICE	METALUX	2RD-332RP-E8B1-U	120/277V	PERFORATED STEEL	WHITE	RECESSED	
F22	3	2X4 VANDAL RESISTANT DAMP LOCATION	METALUX	2VRC-332-AC1F167-U-E8B1	120/277V	DIE FORMED COLD ROLLED STEEL	WHITE	RECESSED	
F23	2	2X4 VANDAL RESISTANT SURFACE MODULAR	METALUX	2VRS-332-AC1F167-U-E8B1	120/277V	POLYCARBONATE LENS	WHITE	CEILING/ SURFACE	1
F24	2	1X4 VANDAL RESISTANT WET LOCATION	METALUX	2VRS-332-AC1F167-U-E8B1	120/277V	POLYCARBONATE	WHITE	SURFACE	
F25	1	75W PAR30	METALUX	2VRS-332-AC1F167-U-E8B1	120	WHITE	PENDANT		
F26	2	2X4 VANDAL RESISTANT DAMP LOCATION	METALUX	2VRS-332-AC1F167-U-E8B1	120/277V	DIE FORMED COLD ROLLED STEEL	WHITE	RECESSED	
F28	2	2X4 EXPLOSION PROOF FIXTURE	RAL	RFL SERIES	277V	EXPLOSION PROOF	WHITE	SURFACE	
F29	1	26W COMPACT FLUOR.	LUMARK	PLMP-PW-52-MT-LI	120/277V	WHITE POLYCARBONATE	BRONZE	WALL/ SURFACE	12
F30	2	2X4 LAY-IN W/ PRISMATIC LENS	METALUX	2GR8-432A-E8B1-U	120/277V	PRISMATIC ACRYLIC	WHITE	RECESSED	

INDOOR LUMINAIRE SCHEDULE

SCALE: NTS

NEW JUNIOR HIGH SCHOOLS 1 AND 2

OSWEGO COMMUNITY UNIT SCHOOL DISTRICT 308

4715 ROUTE 71

OSWEGO, ILLINOIS 60543

ISSUED  
01/24/07  
BID DOCUMENTS

JOB NO. 06-158-549/550  
DRAWN JRW  
CHECKED JRW  
APPROVED MTK

SHEET TITLE

LUMINAIRE  
SCHEDULES &  
DETAILS

SHEET NUMBER

E730



LPS - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
CORRIDORS A135, A102, B105, B104, B136, B137, B139, B140, B204, B205, C101, C125, C128	1,3,5,7,9,11,13,15,17	Z1	TC ON/TC OFF - MAIN SWITCH OVERRIDE
GYM	10,12,14,16,18,20	Z2	TC ON/TC OFF - LOCAL SWITCH OVERRIDE
PARKING LOT LIGHTING	31, 33, 35, 37, 39, 41, 40, 42	Z01	PC ON/TC OFF
ENTRY DOWNLIGHTS	2,6	Z02	PC ON/PC OFF
WALL PACKS	4,8	Z03	PC ON/PC OFF
EXTERIOR SIGN	34,36	Z04	PC ON/PC OFF
FLAGPOLE	38	Z05	PC ON/PC OFF

LP1 - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
FIRST FLOOR, AREAS A, B & C	1-25, 2-12	Z3	TC ON/TC OFF - MAIN SWITCH OVERRIDE

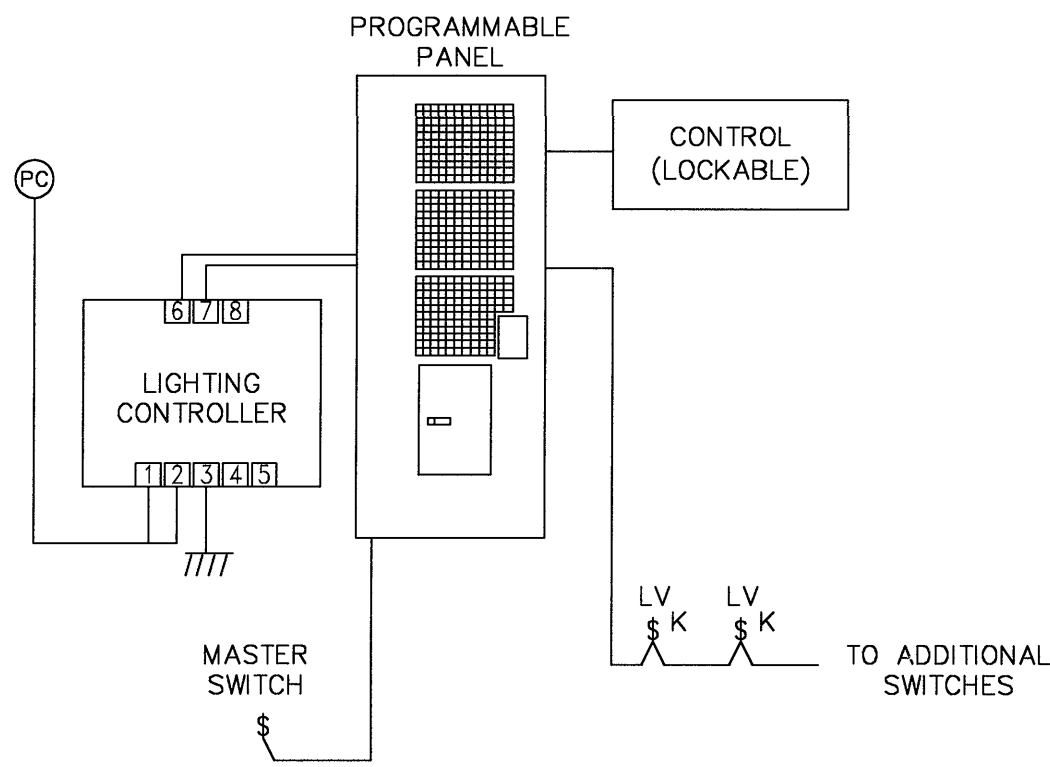
LP2 - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
FIRST FLOOR AREAS E & F	1-15, 2-12	Z4	TC ON/TC OFF - MAIN SWITCH OVERRIDE
CORRIDOR, PROJECT AREAS, TOILETS - F105, F102, F104, F111, F113, F119, F120, F122	22,24,26	Z5	TC ON/TC OFF - LOCAL SWITCH OVERRIDE

LP3 - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
FIRST FLOOR AREA D	1-9, 2-6	Z6	TC ON/TC OFF - MAIN SWITCH OVERRIDE
CORRIDOR, PROJECT AREAS, TOILETS - E126, D105, D102, D104, D119, D120, D123, D111, D113, E127	19-27	Z7	TC ON/TC OFF - LOCAL SWITCH OVERRIDE

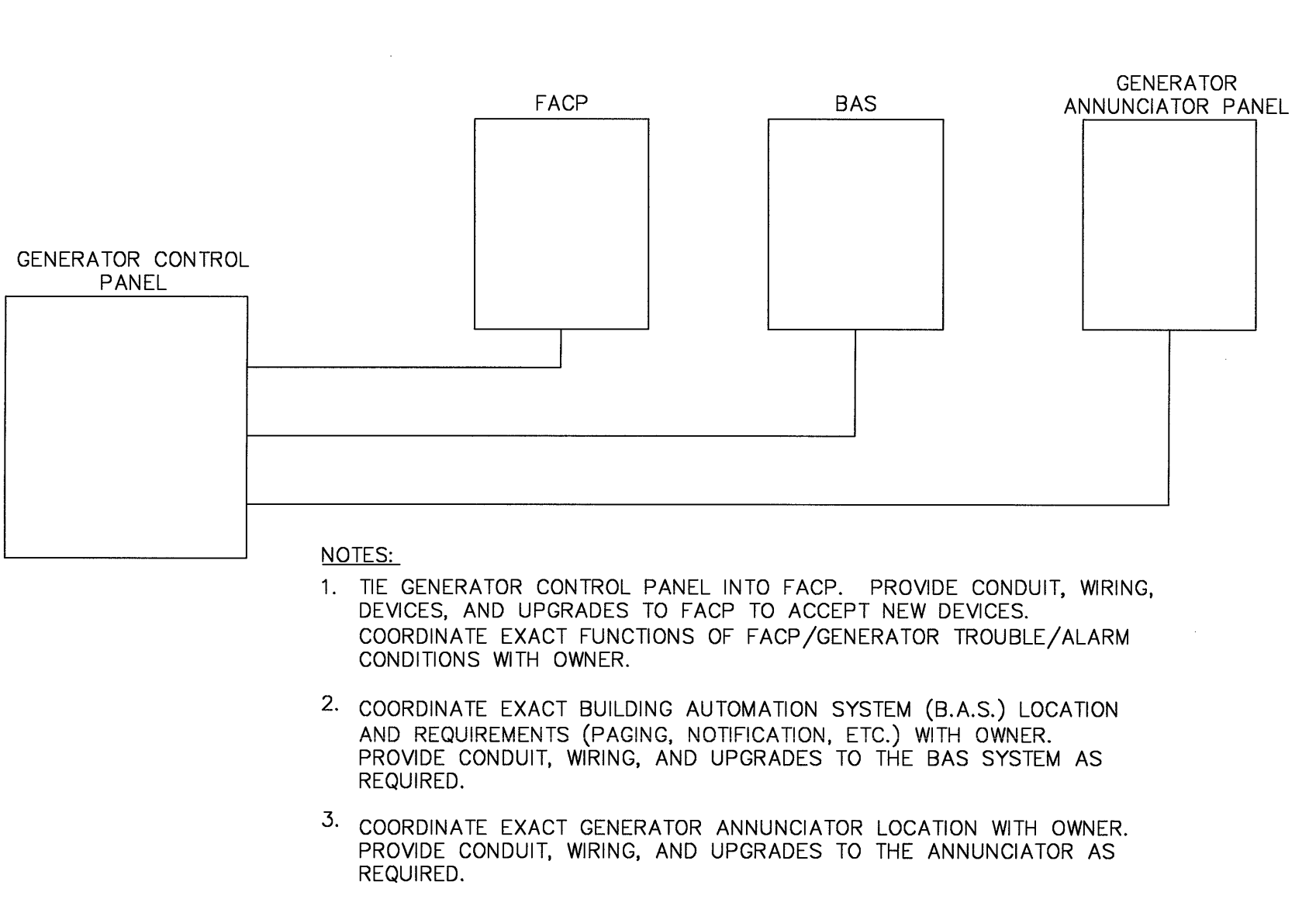
LP4 - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
SECOND FLOOR AREAS B & C	1-7, 2	Z8	TC ON/TC OFF - MAIN SWITCH OVERRIDE

LP5 - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
SECOND FLOOR AREA F	11-15, 6-12	Z9	TC ON/TC OFF - MAIN SWITCH OVERRIDE
CORRIDOR, PROJECT AREAS, TOILETS - F219, B206, F205, F202, F204, F211, F213	26, 30, 32, 34	Z10	TC ON/TC OFF - LOCAL SWITCH OVERRIDE

LP6 - LIGHTING CONTROL SCHEDULE			
AREA	CIRCUIT(S)	ZONE	ZONE CONTROL DESCRIPTION
SECOND FLOOR AREAS D, E	3-13, 2-14	Z11	TC ON/TC OFF - MAIN SWITCH OVERRIDE
CORRIDOR, PROJECT AREAS, TOILETS - E211, D205, D202, D204, D219, D220, D223, D213	15,17,19,21	Z12	TC ON/TC OFF - LOCAL SWITCH OVERRIDE

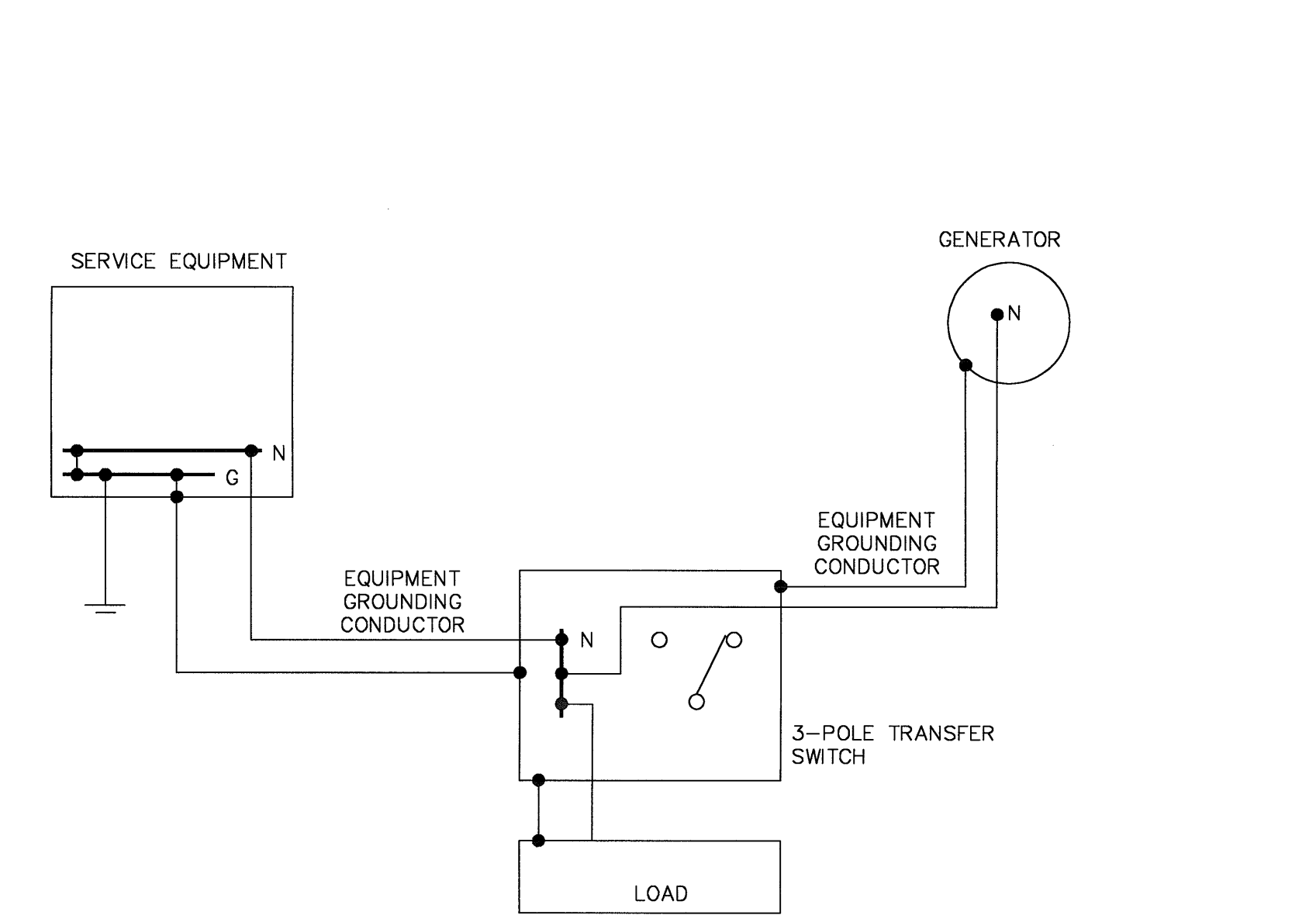


**LIGHTING CONTROL DETAIL**  
SCALE: NTS

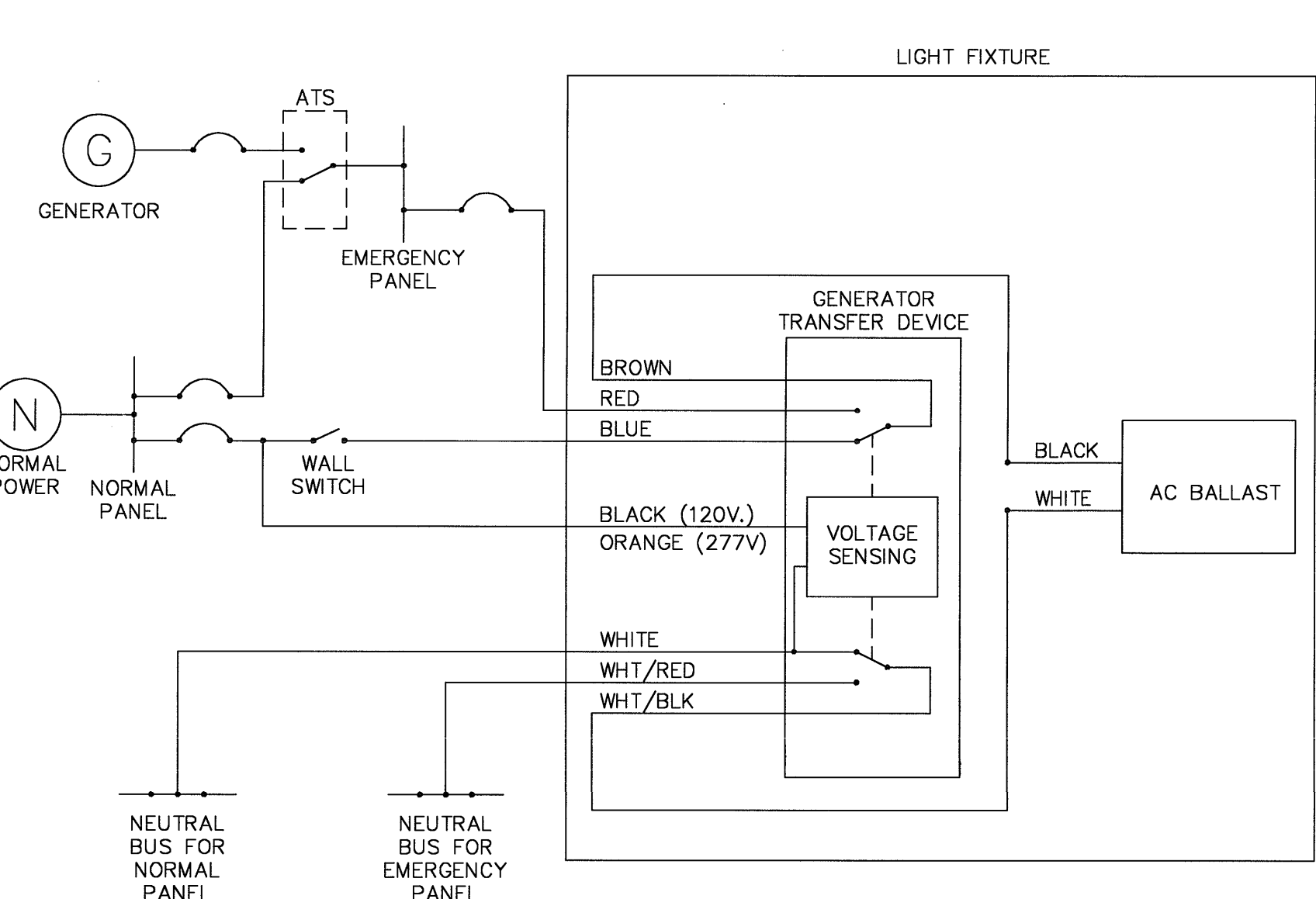


- NOTES:
1. TIE GENERATOR CONTROL PANEL INTO FACP. PROVIDE CONDUIT, WIRING, DEVICES, AND UPGRADES TO FACP TO ACCEPT NEW DEVICES. COORDINATE EXACT FUNCTIONS OF FACP/GENERATOR TROUBLE/ALARM CONDITIONS WITH OWNER.
  2. COORDINATE EXACT BUILDING AUTOMATION SYSTEM (B.A.S.) LOCATION AND REQUIREMENTS (PAGING, NOTIFICATION, ETC.) WITH OWNER. PROVIDE CONDUIT, WIRING, AND UPGRADES TO THE BAS SYSTEM AS REQUIRED.
  3. COORDINATE EXACT GENERATOR ANNUNCIATOR LOCATION WITH OWNER. PROVIDE CONDUIT, WIRING, AND UPGRADES TO THE ANNUNCIATOR AS REQUIRED.

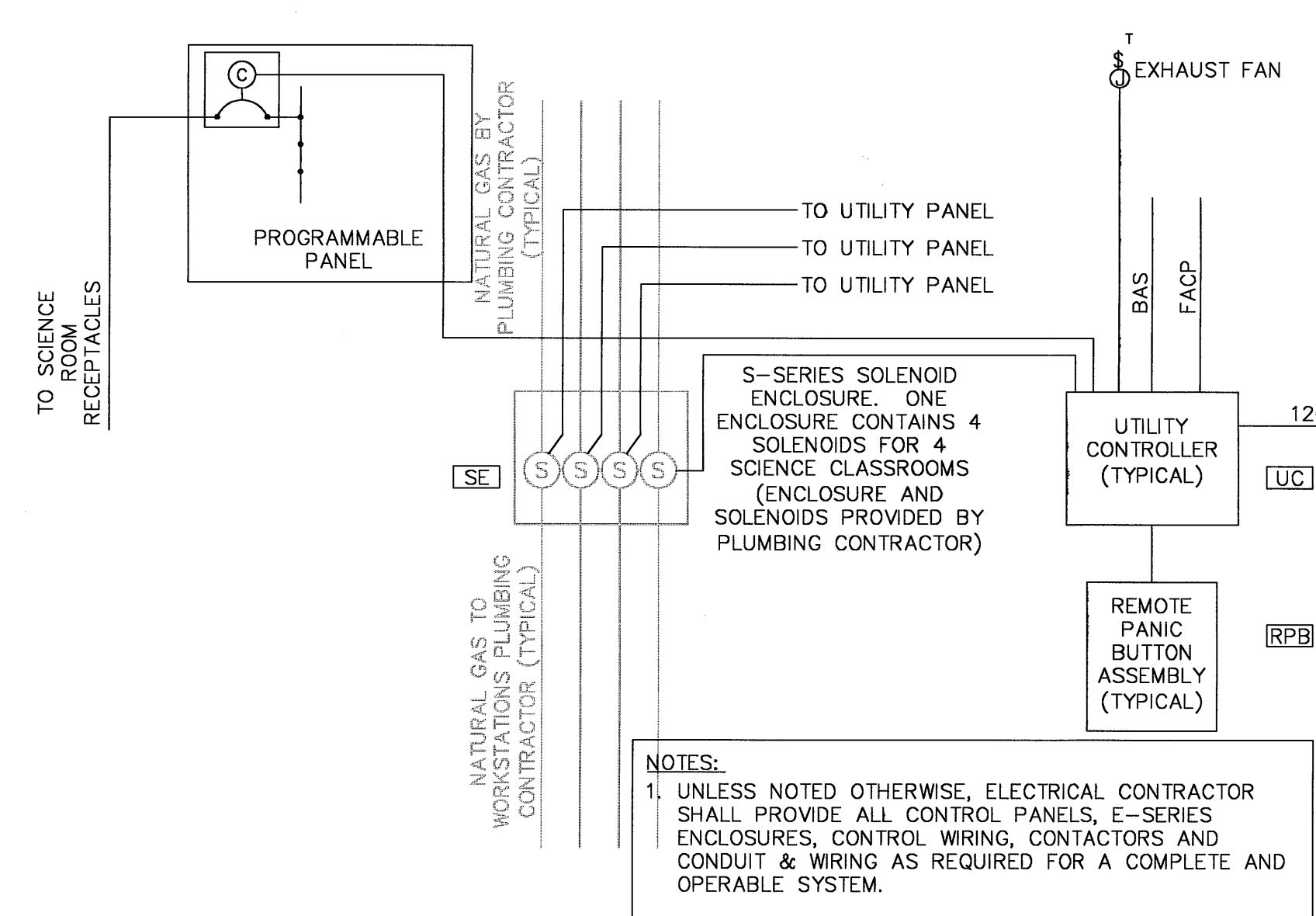
**GENERATOR CONTROL PANEL ONE-LINE**  
SCALE: N.T.S.



**GENERATOR/ATS GROUNDING DETAIL**  
SCALE: NTS

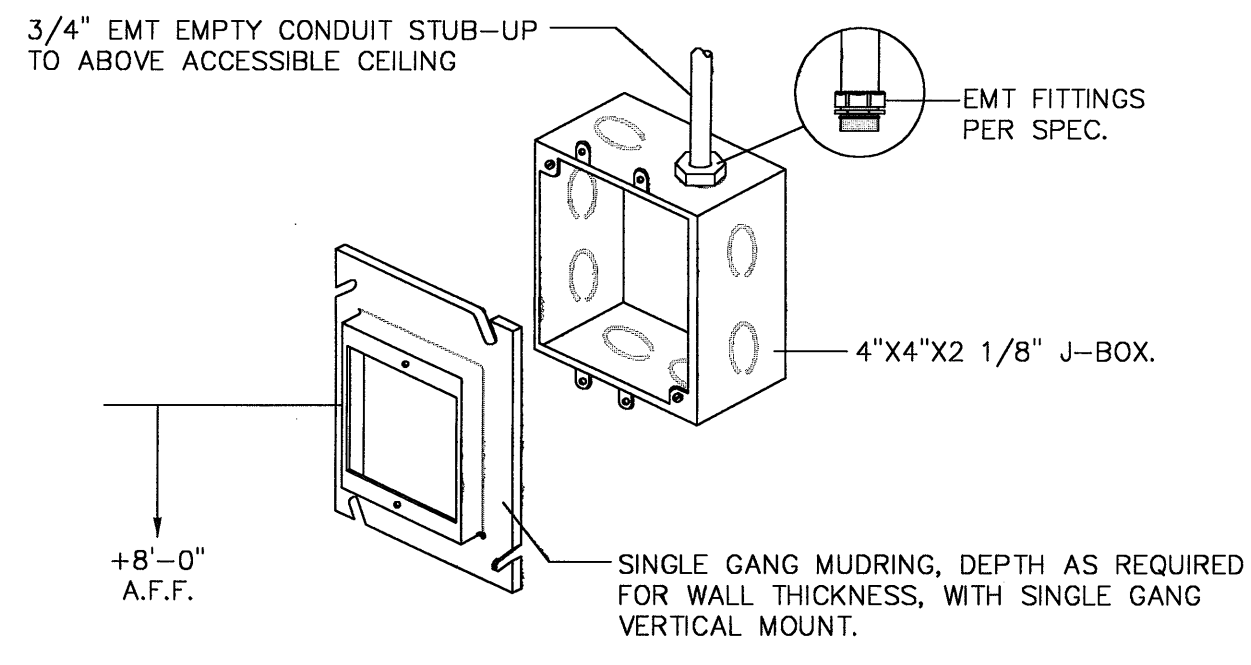


**EMERGENCY LIGHTING TRANSFER DEVICE**  
SCALE: N.T.S.

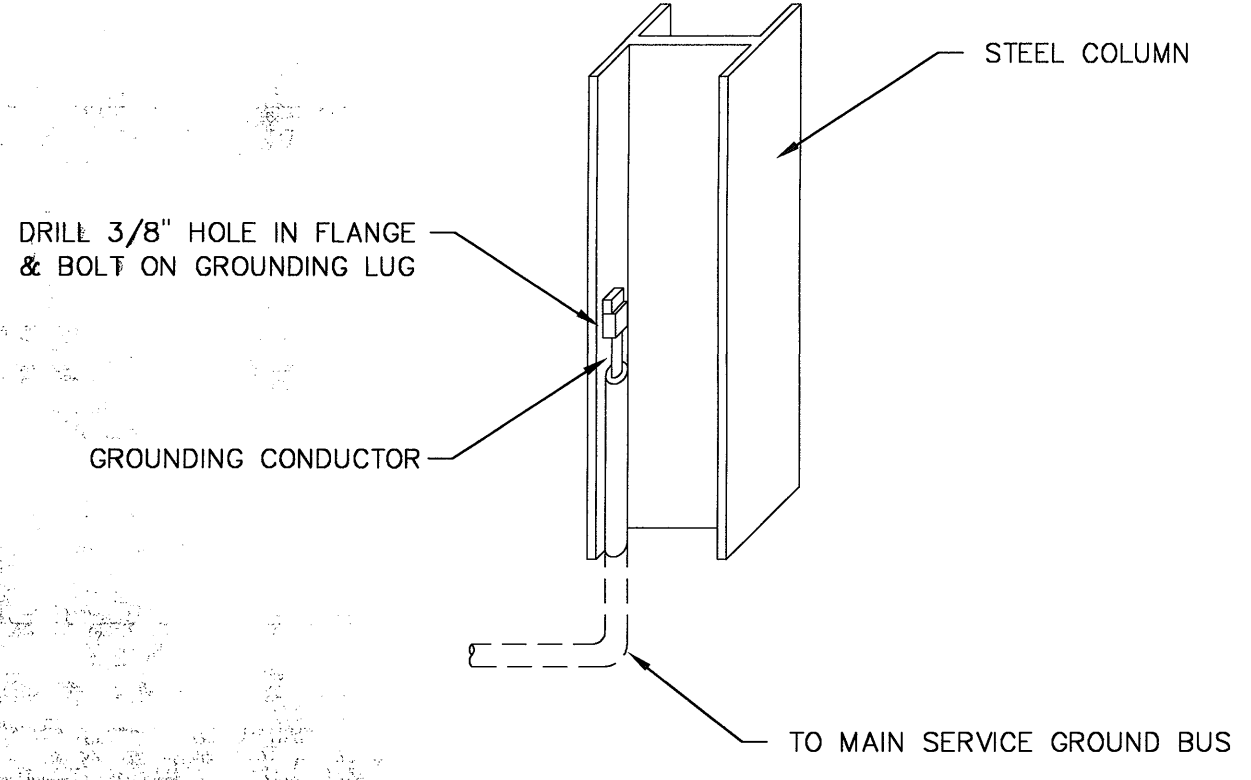


- NOTES:
1. UNLESS NOTED OTHERWISE, ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROL PANELS, E-SERIES ENCLOSURES, CONTROL WIRING, CONTACTORS AND CONDUIT & WIRING AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.

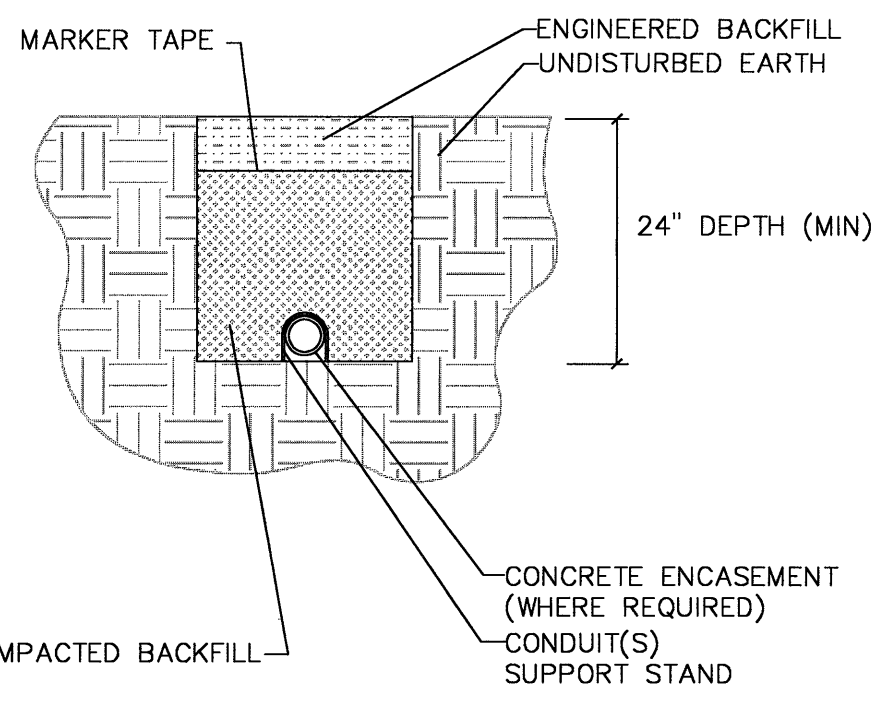
**UTILITY CONTROLLER**  
SCALE: N.T.S.



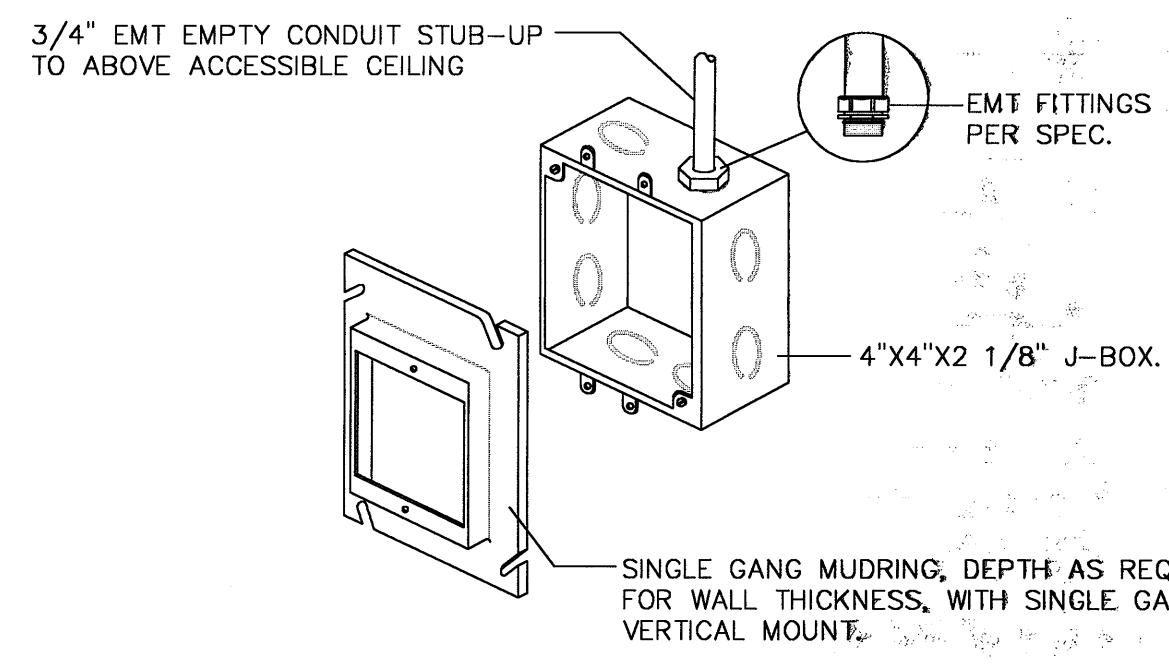
**MOTION SENSOR STUB-UP DETAIL**  
SCALE: N.T.S.



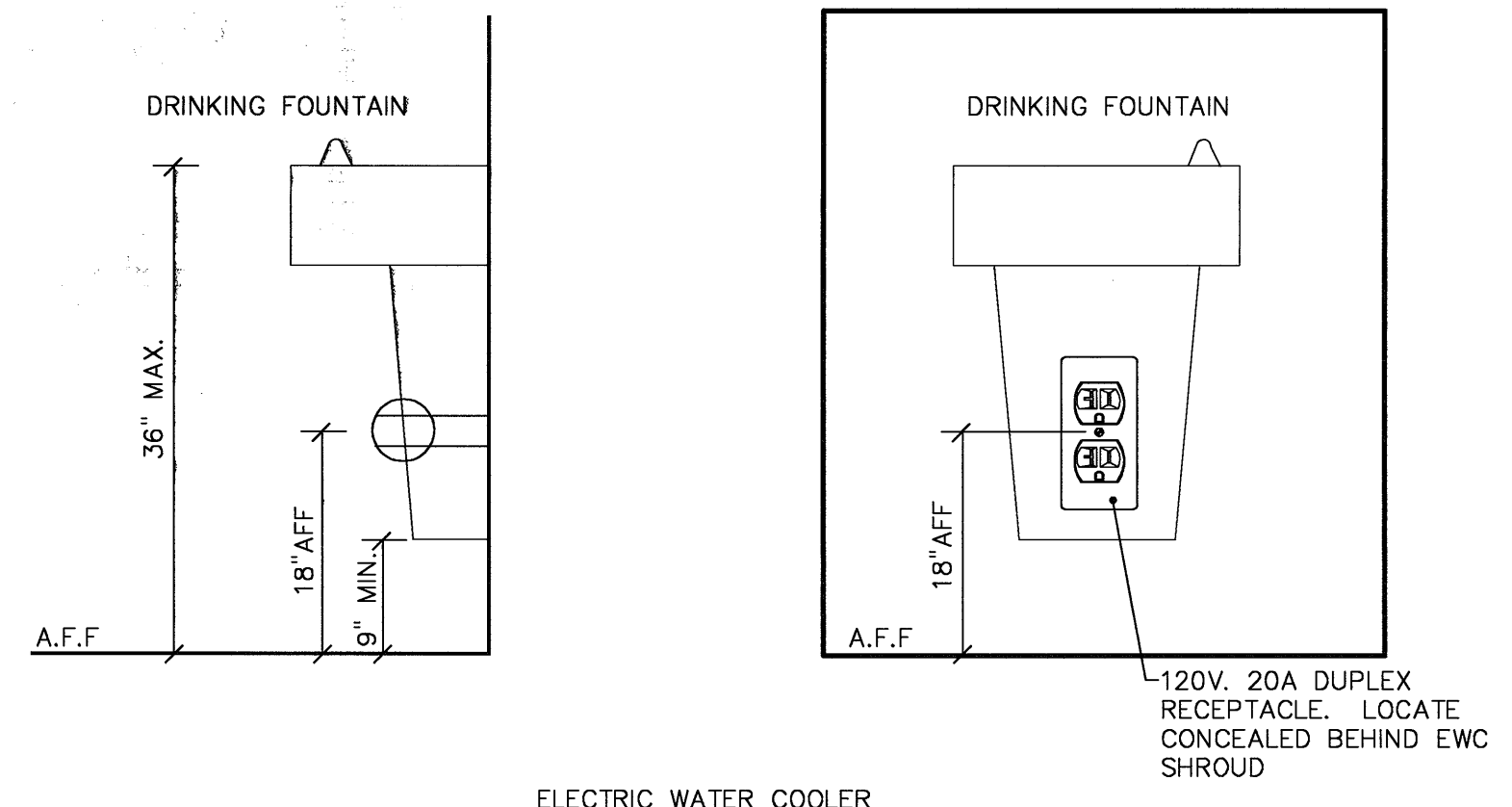
**BUILDING STEEL GROUNDING DETAIL**  
SCALE: N.T.S.



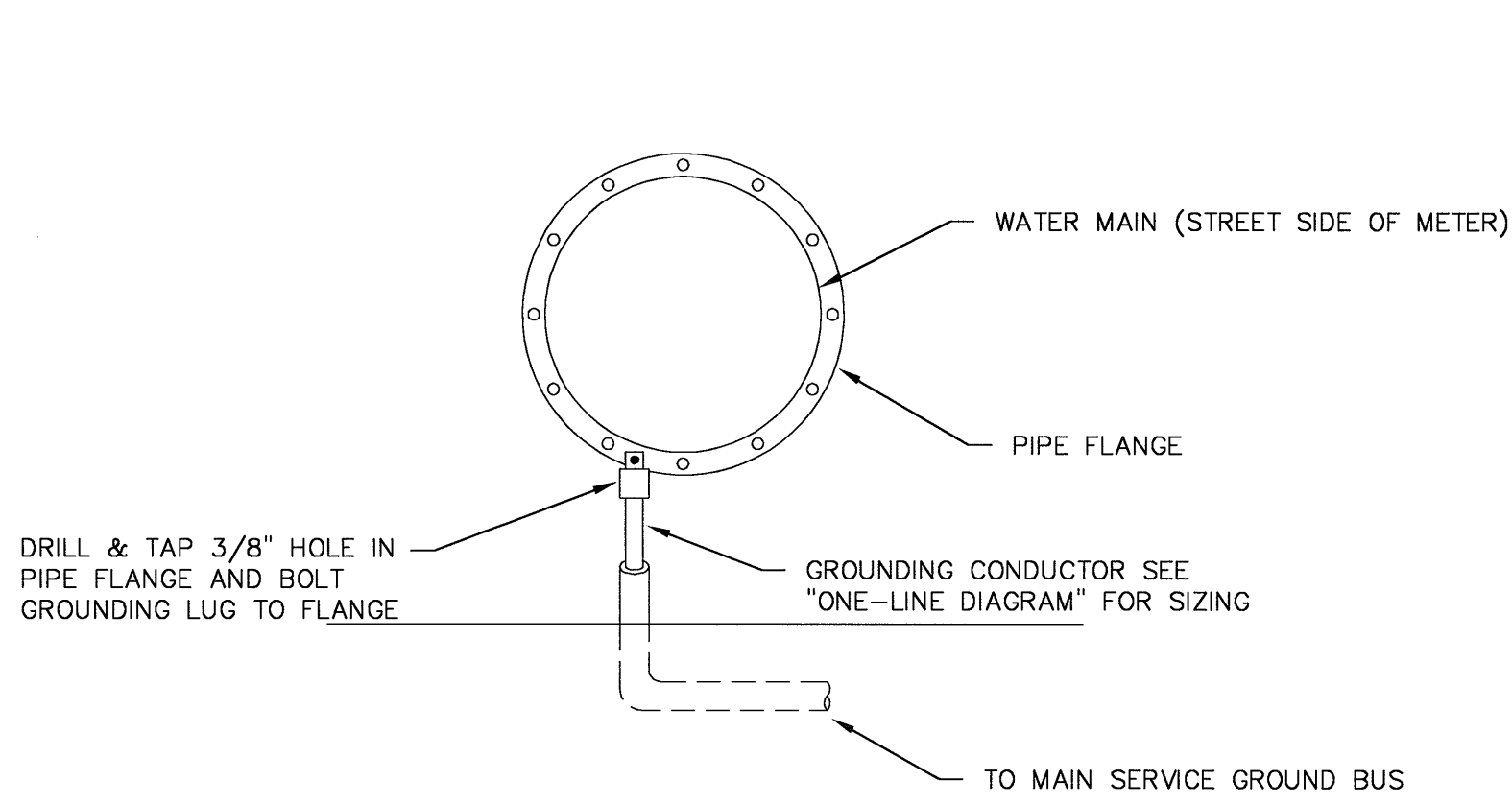
**SITE LIGHTING TRENCHING DETAIL**  
SCALE: NTS



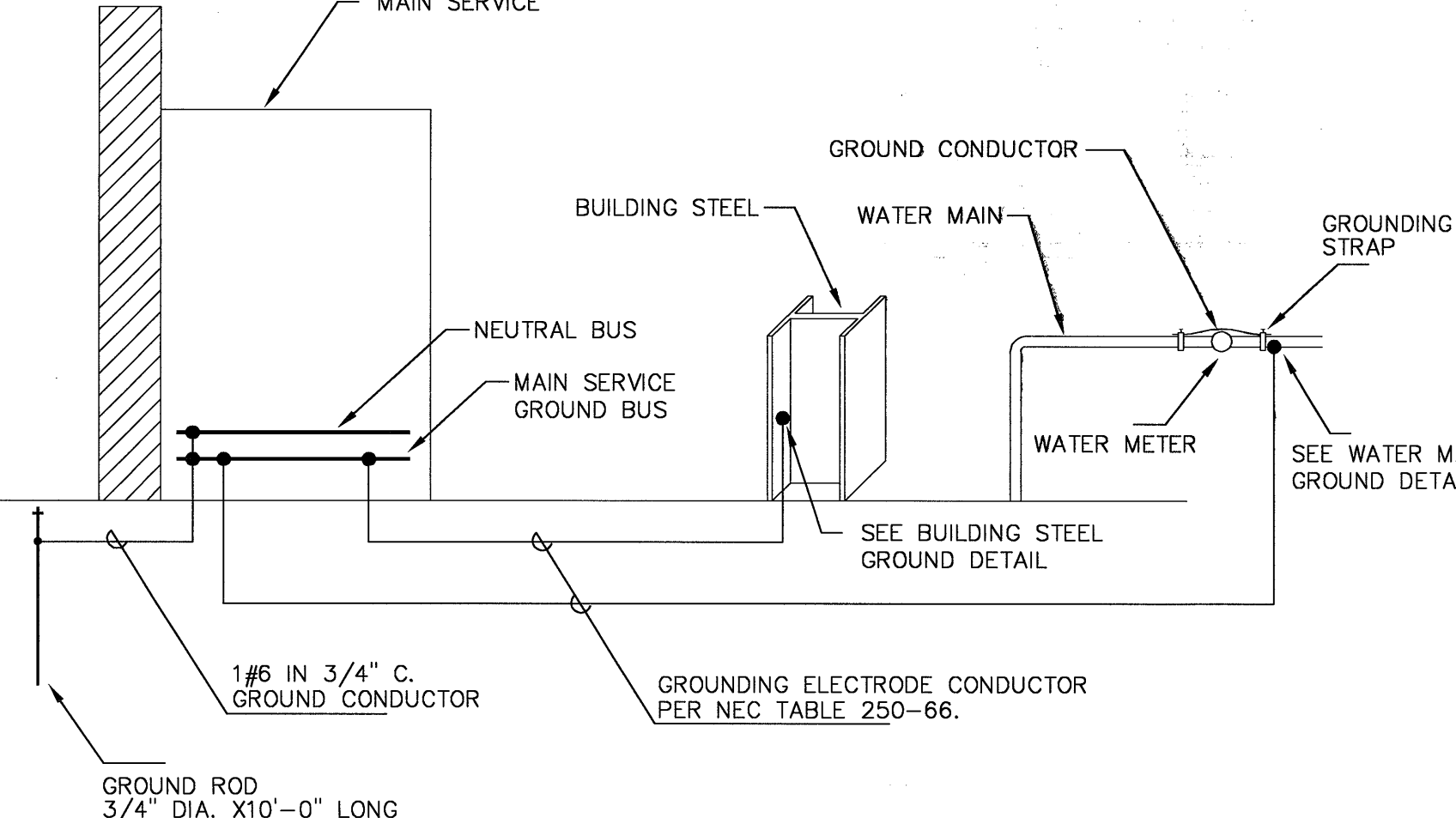
**T-STAT STUB-UP DETAIL**  
SCALE: NTS



**EWC OUTLET MTD. DETAIL**  
SCALE: NTS



**MAIN WATER GROUNDING DETAIL**  
SCALE: N.T.S.



**MAIN SERVICE GROUNDING DETAIL**  
SCALE: N.T.S.